



R-2508 Annual Users Briefing

29 March 2012

WELCOME!

Why we are here...

“Annual Briefing Requirement”

What We Hope to Accomplish:

- Inform Users of Updates & Changes
- Review R-2508 Concept of Operations
- Highlight Areas of Concern – “Staying Out Of Trouble”
- Mission Profiles – “What to Expect”
- Scheduling and Usage Procedures
- Address Your Concerns...

R-2508 Joint Policy & Planning Board



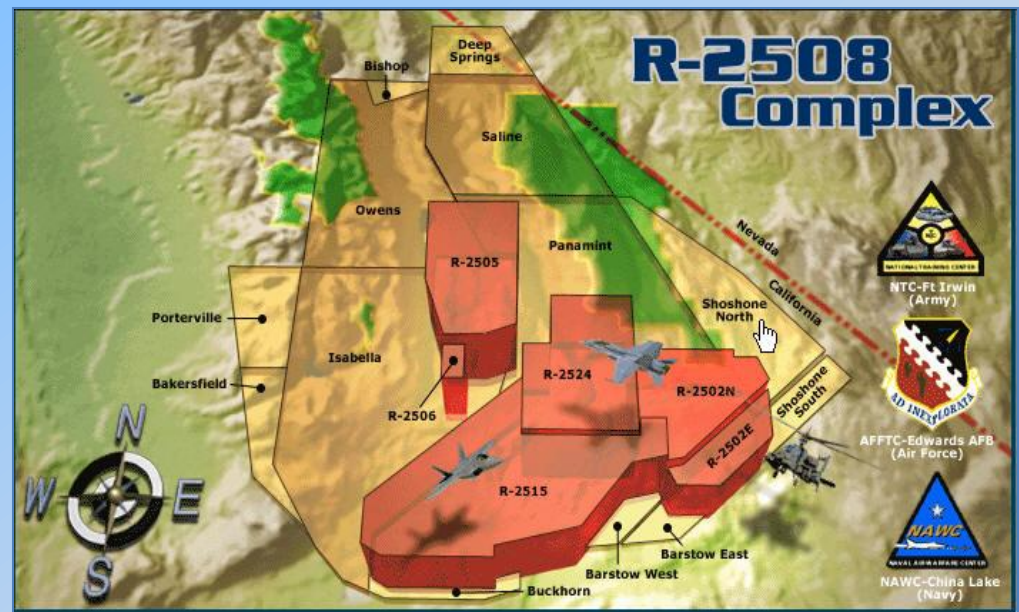
Rear Admiral
Mathias W. Winter



Brigadier General
Robert C. Nolan II



Brigadier General
Terry R. Ferrell



Receiving this Briefing from CCF or a CCF Authorized Briefer Satisfies the “JPPB Annual Briefing Requirement”





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Concept of Operations

When the SUA is Activated

- VFR
- See and Avoid
- Non-Exclusive Use
 - Transponder – Mode C
 - Accept Advisory Service
 - Active vs. Inactive Monitoring





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IFR Procedures

Not Authorized when SUA is Active

What to do if you encounter an
IMC Condition...

- Advise Joshua Approach,
SPORT or China Control
- Expect IFR Clearance
 - On Top or Vectors to VMC
 - IFR Separation applied
between IFR Aircraft only

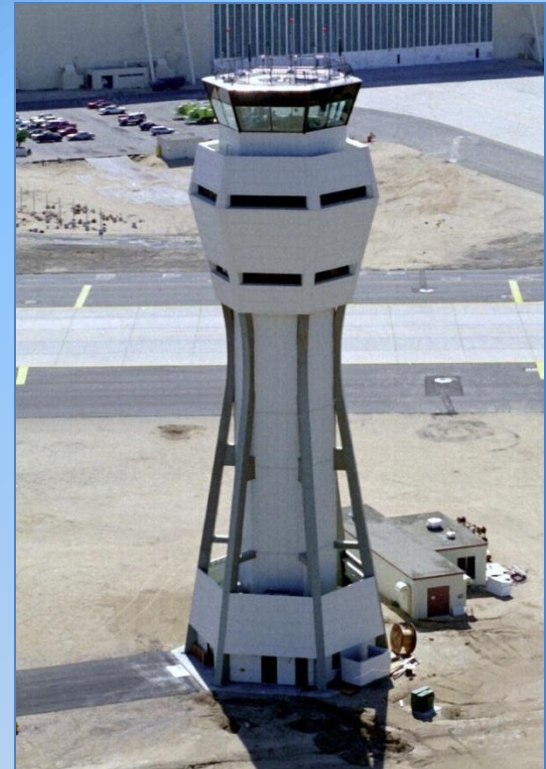




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R-2508 Air Traffic Control (ATC) and Military Radar Unit (MRU) Services

- **High Desert TRACON, “Joshua Approach”**
 - Traffic & boundary calls, mission support
 - VFR and IFR Services as applicable within MOAs, ATCAAs, R-2508, and Released Internal Restricted Areas
- **SPORT MRU, “SPORT” Traffic & boundary calls, mission support services in R-2515**
- **Airspace Surveillance Center MRU (ASC) “China Control” - Traffic & boundary calls, mission support services in R-2505, R-2506 & R2524**
- **Desert Radio, Airspace Information Center mission support services and Scheduling in R-2502N, R-2502E & R-2502A**





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Check in Procedures & Situational Awareness

- **Request & Receive Clearance prior to R-2508 Entry/Exit.**
 - All flights are required to contact Joshua Approach prior to **Complex entry and exit**. Initial contact shall include a request for a **Complex Clearance and Altitudes**.
- **Provide SA on requested Work Areas and Altitudes**
 - During check-in, pilots should state their intentions and planned work area using plain language.
- **Get SA on least saturated areas & altitudes**
 - Joshua Approach should respond with **Work Area Clearance** and relevant **Traffic Information** for the flight.
- **Help Joshua help you... Provide SA when conducting rapid heading or altitude changes**
 - **ATC traffic calls** are based on observed aircraft positions, headings, altitudes and radar limitations. **Rapid changes** in heading or altitude **may not be observed by ATC in time** for the information to be issued in a timely manner. **Aircrews** are encouraged to **Alert ATC** when conducting **rapid heading and/or altitude changes**.





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Restricted Areas:

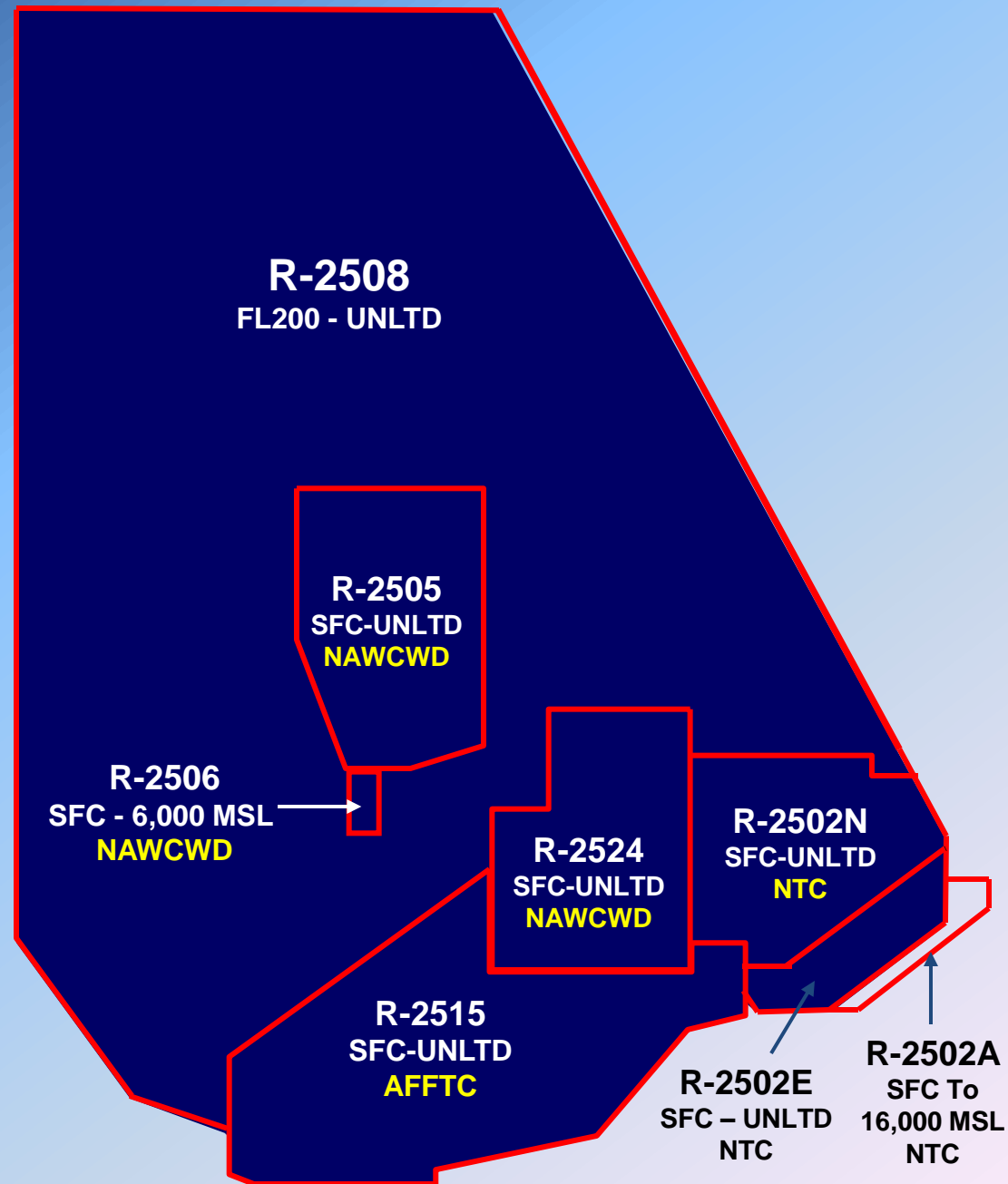
- Schedule R-2508 with CCF
- Schedule Internal Restricted Areas with Using Agency and CCF To Transit MOA/ATCAA Airspace

Using Agencies:

R-2505, R-2506, R-2524: NAWCWD

R-2515: AFFTC (ROC)

R-2502N, R2502E, R-2502A: NTC





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MOA & ATCAA Airspace

Military Operations Areas & Air Traffic
Control Assigned Airspace

JOSHUA APPROACH

Frequencies:

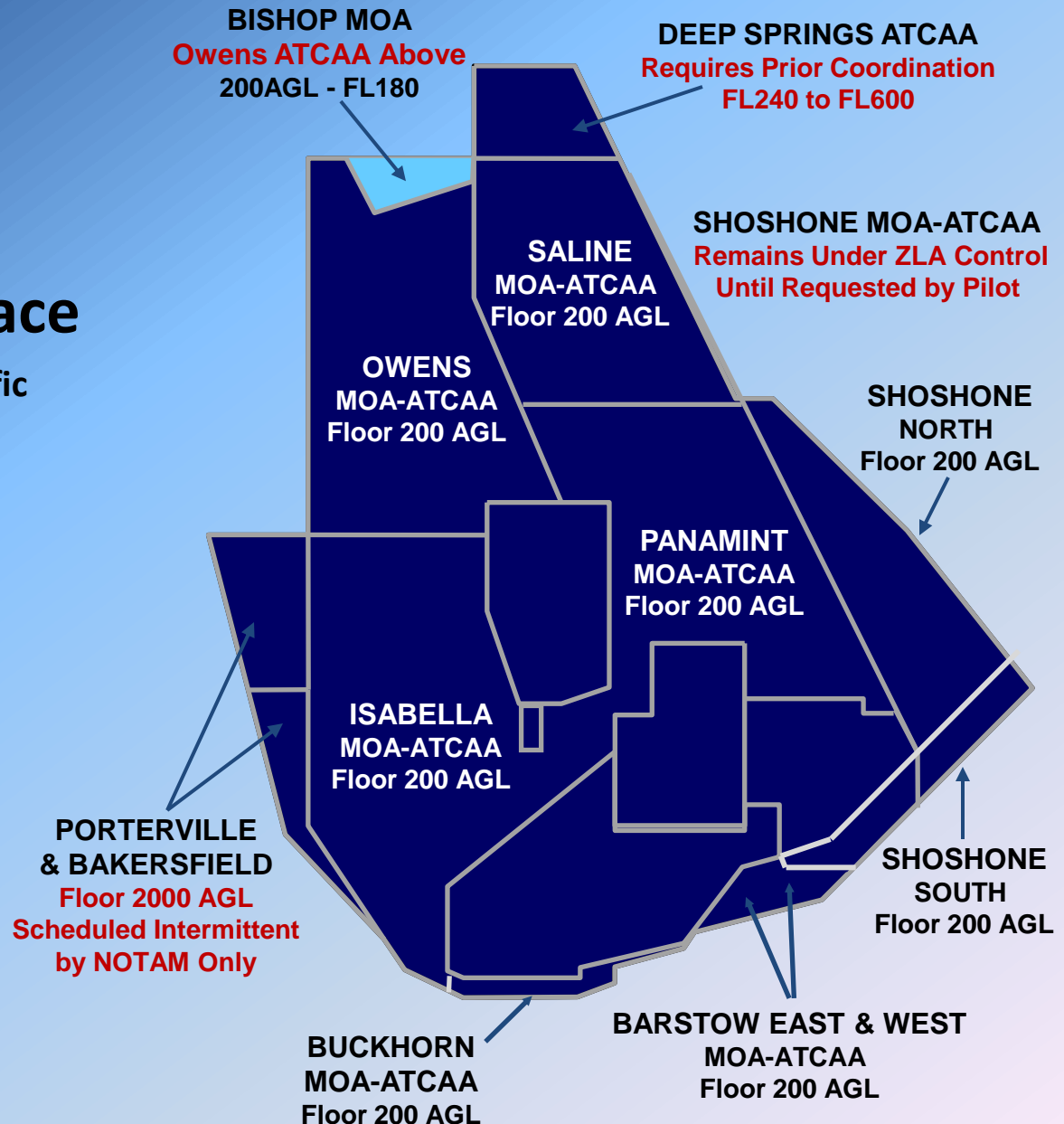
Joshua Primary ATC: 348.7/133.65

Isabella: 335.6/134.05

Owens: 322.3/126.55

Saline: 256.8 123.95

Panamint: 291.6/120.25





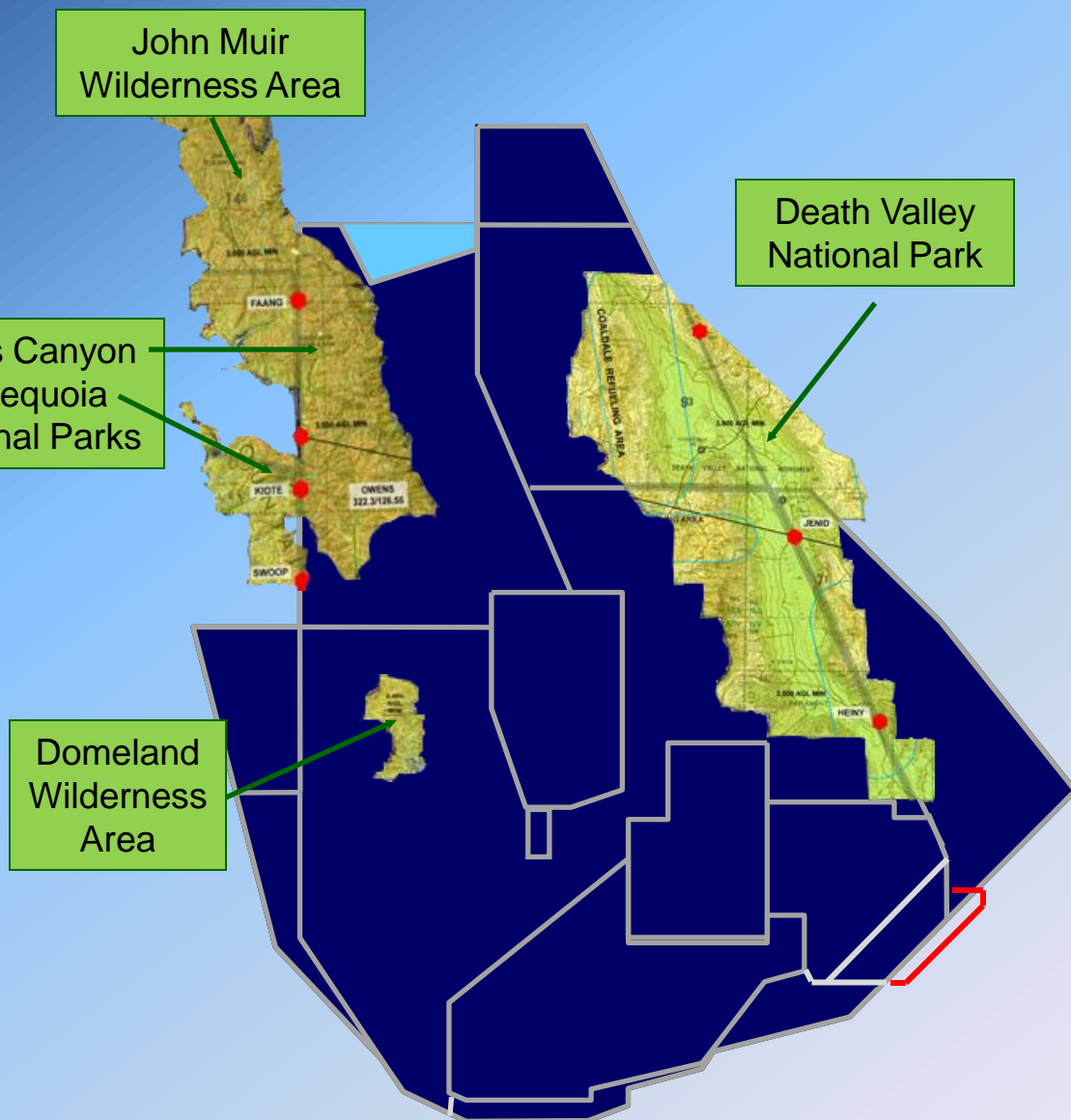
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Overflight Restrictions of Parks & Wilderness Areas

Staying out of trouble...

Floor of MOA over National Parks
and Wilderness Areas **3,000 AGL**

- FLIP AP1 California
- FAA JO 7400.8



Remain at least 3,000 feet both Laterally and Vertically
from National Parks and Wilderness Areas...
3,000 feet from Canyon Walls and Saddles



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Staying out of trouble...



- **Sequoia and Kings Canyon National Parks (SEKI)**
 - All participating aircrews maintain an altitude of FL180 or above over SEKI unless specifically scheduled lower through CCF.
 - Annotate “SEKI” in Remarks Section of R-2508 Complex Airspace request Form.
 - Unscheduled operations below FL180 over SEKI are authorized only for safety of flight considerations.
 - At no time will any participating aircraft descend below 3,000 ft AGL within the boundaries of SEKI except in an emergency situation. Lateral separation from SEKI is 3000 feet.

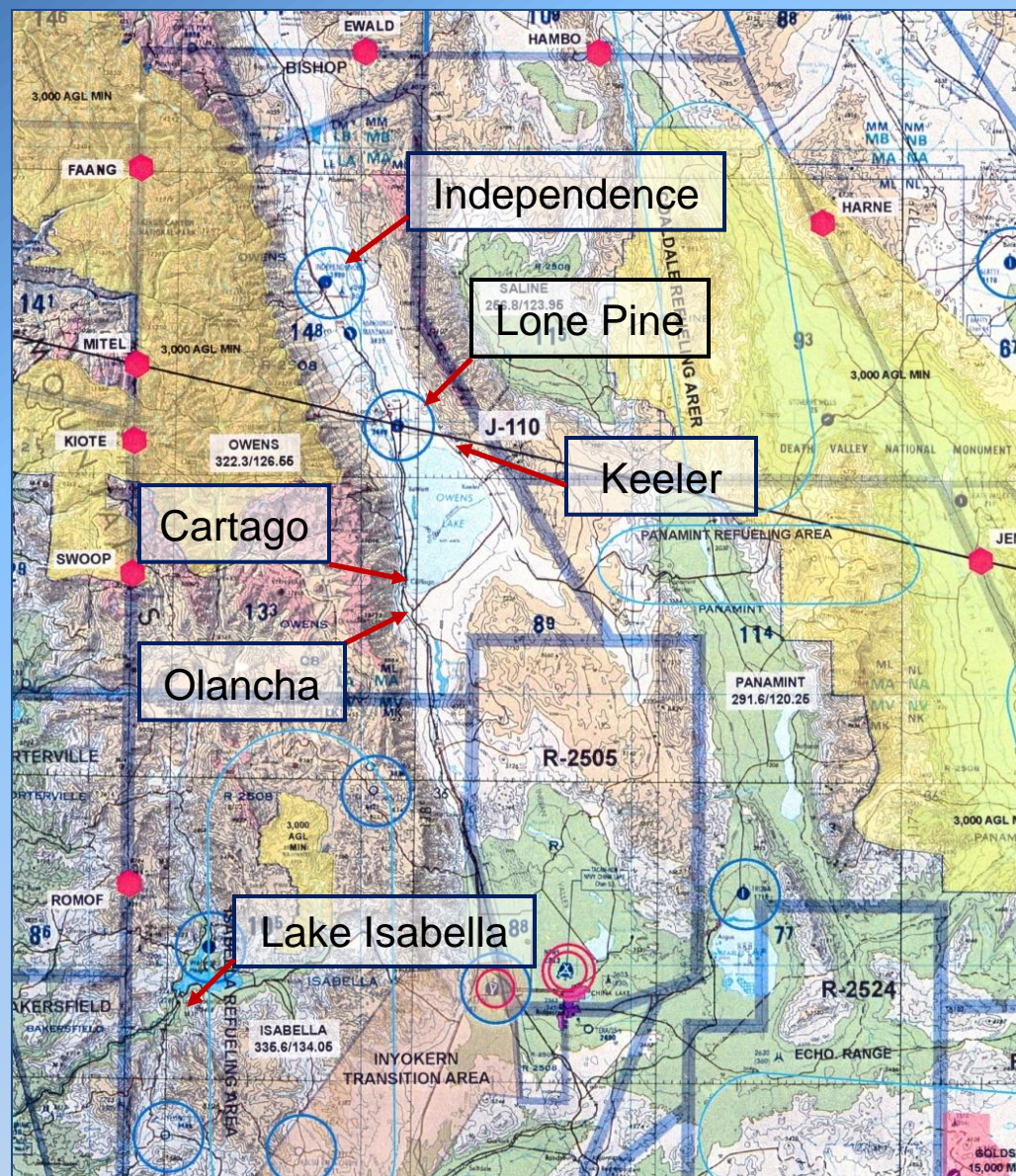


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Noise Sensitive Areas

Staying out of trouble...

All communities within the R-2508 Complex are considered “noise sensitive areas”. Noise sensitive areas must be avoided by 3000’ AGL. The only exception to the 3000’ restriction is while operating on an approved test plan.



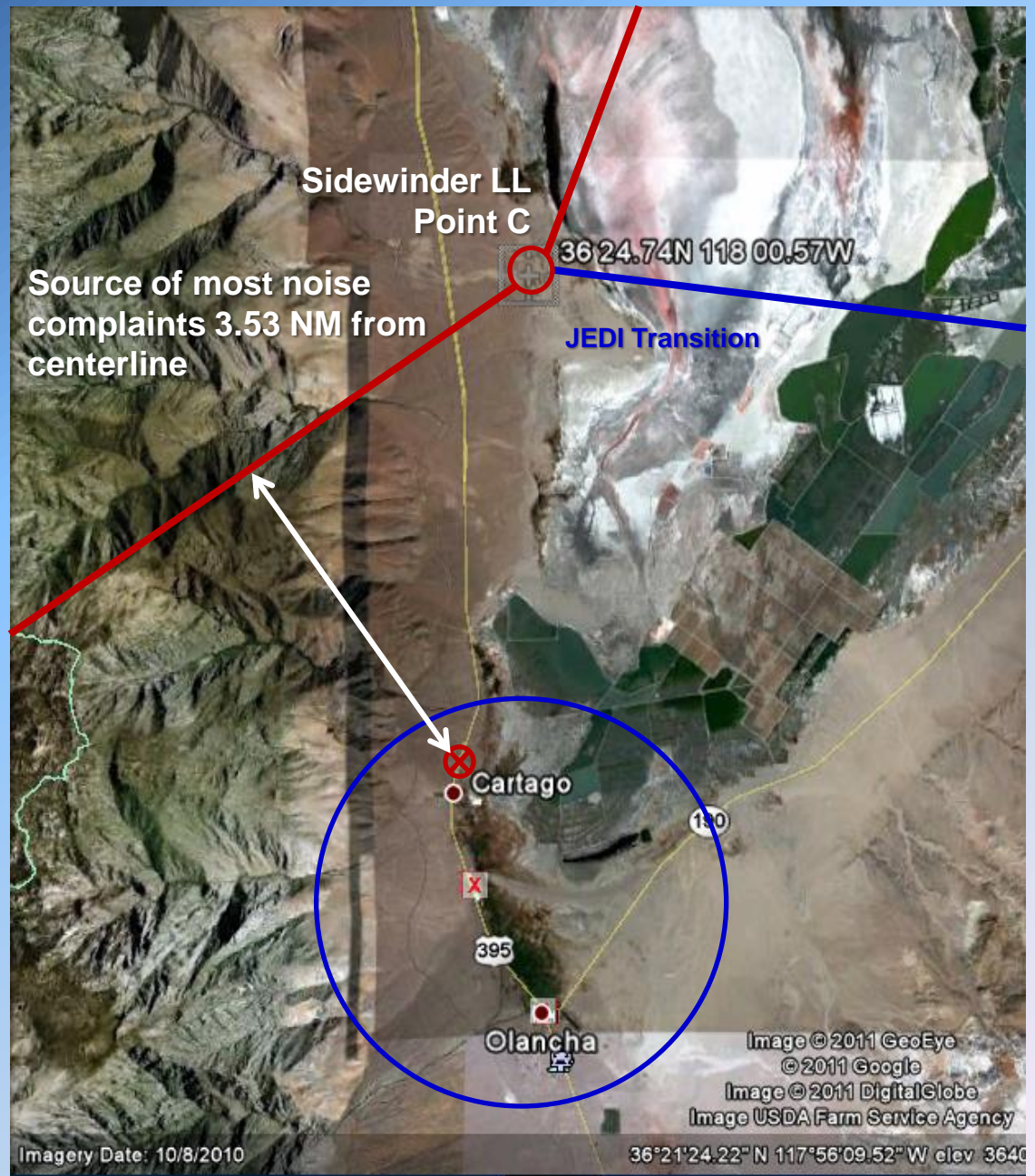


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Sonic Boom & Low Level Complaints

Areas of Highest Concern... Cartago & Olancha

Staying out of trouble...





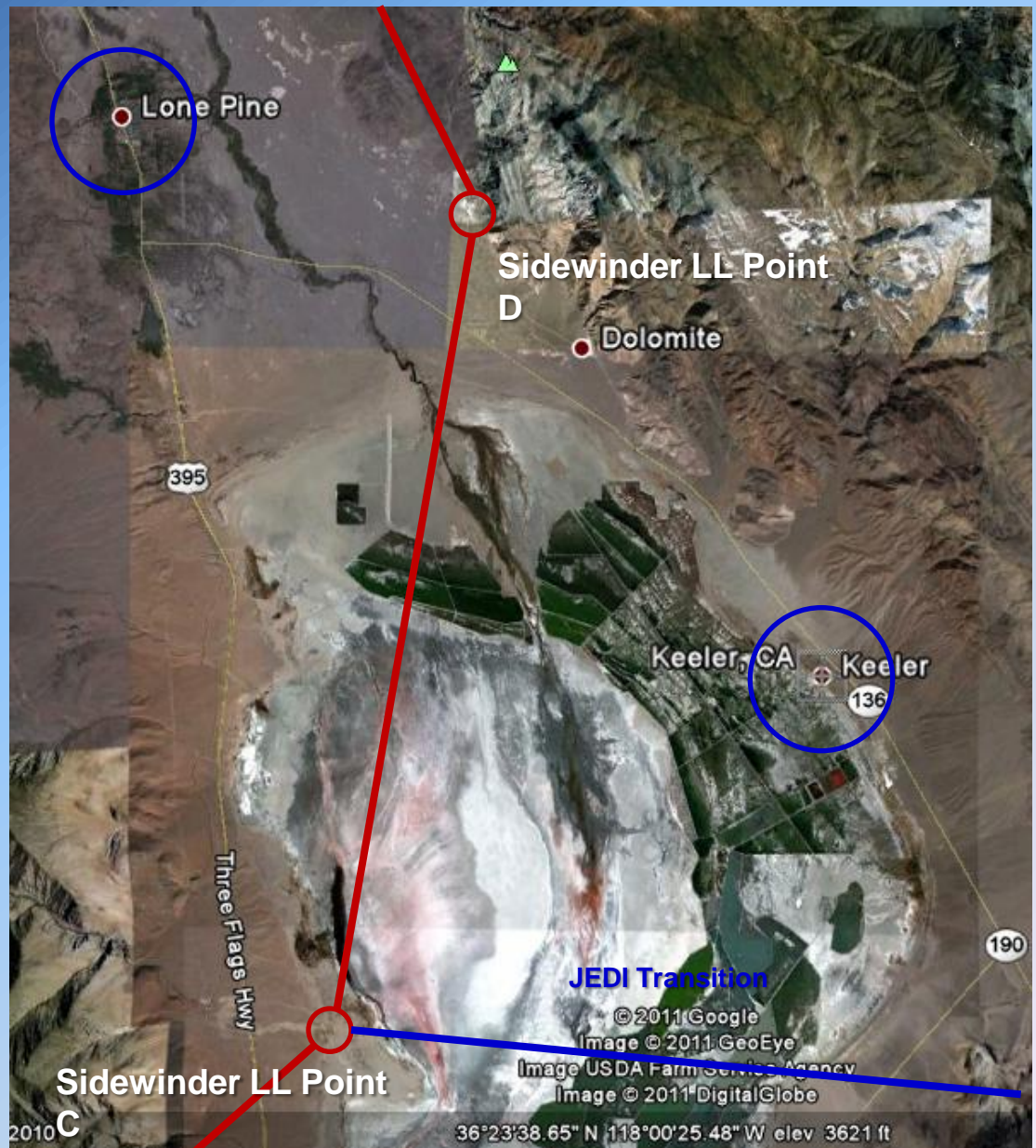
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Sonic Boom & Low Level Complaints

Areas of Highest Concern...

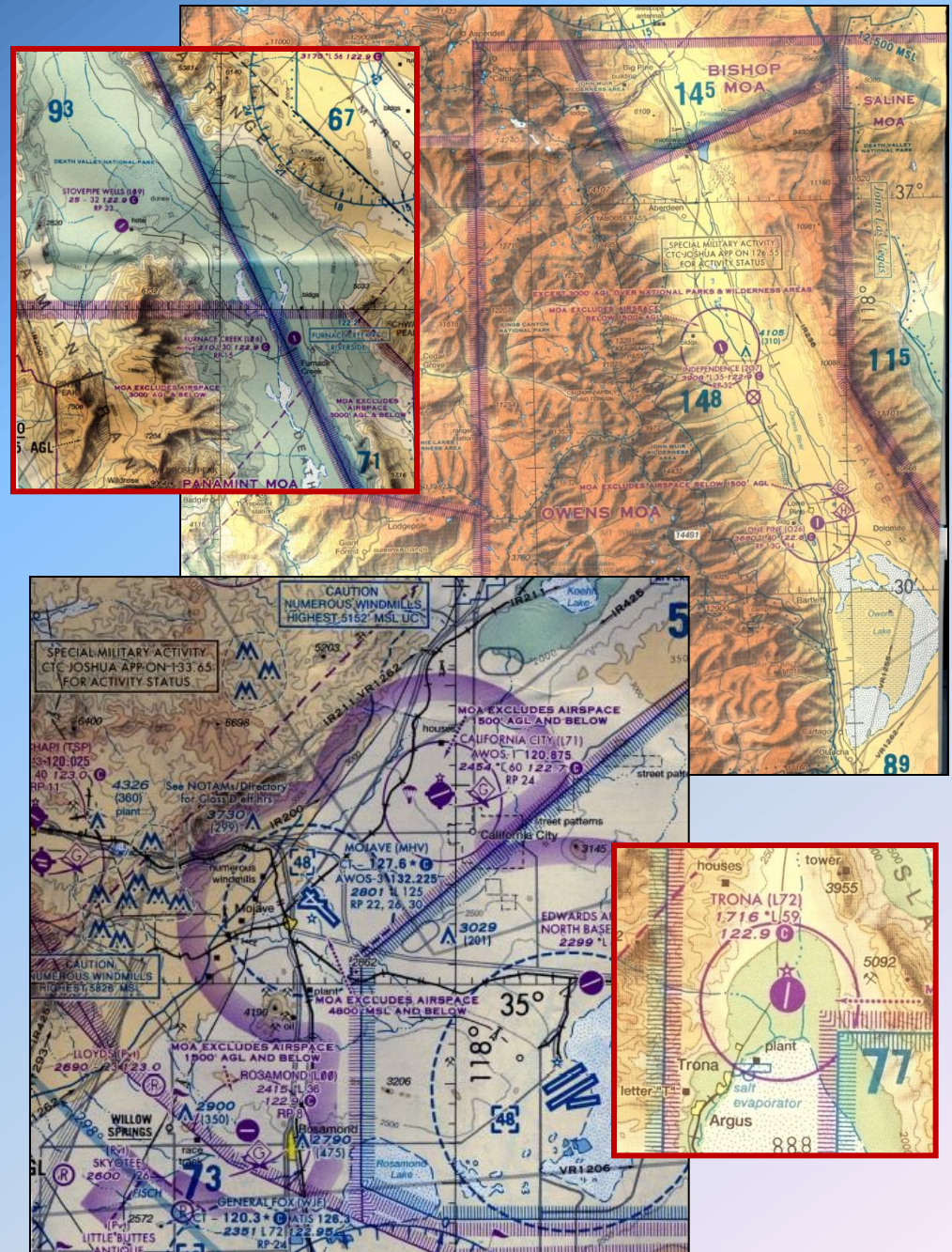
Keeler & Lone Pine

Staying out of trouble...





- **Published Civil Airports:**
1,500'AGL or 3 NM
- **Mojave Air & Space Port Class D Airspace:**
4,800' MSL and below
 - National Test Pilot's School
 - Aircraft & Space Systems development, testing & modifications
 - Airborne Tow operations
- **Community Overflights:** 3,000' AGL unless operating on an approved test plan
- **Temporary Flight Restrictions (TFRs)**
 - Land Management Activity
 - Fire-fighting Support Aircraft





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TFR Incursions

Staying out of trouble...



SMOKE FROM FIRES - STAY AWAY!

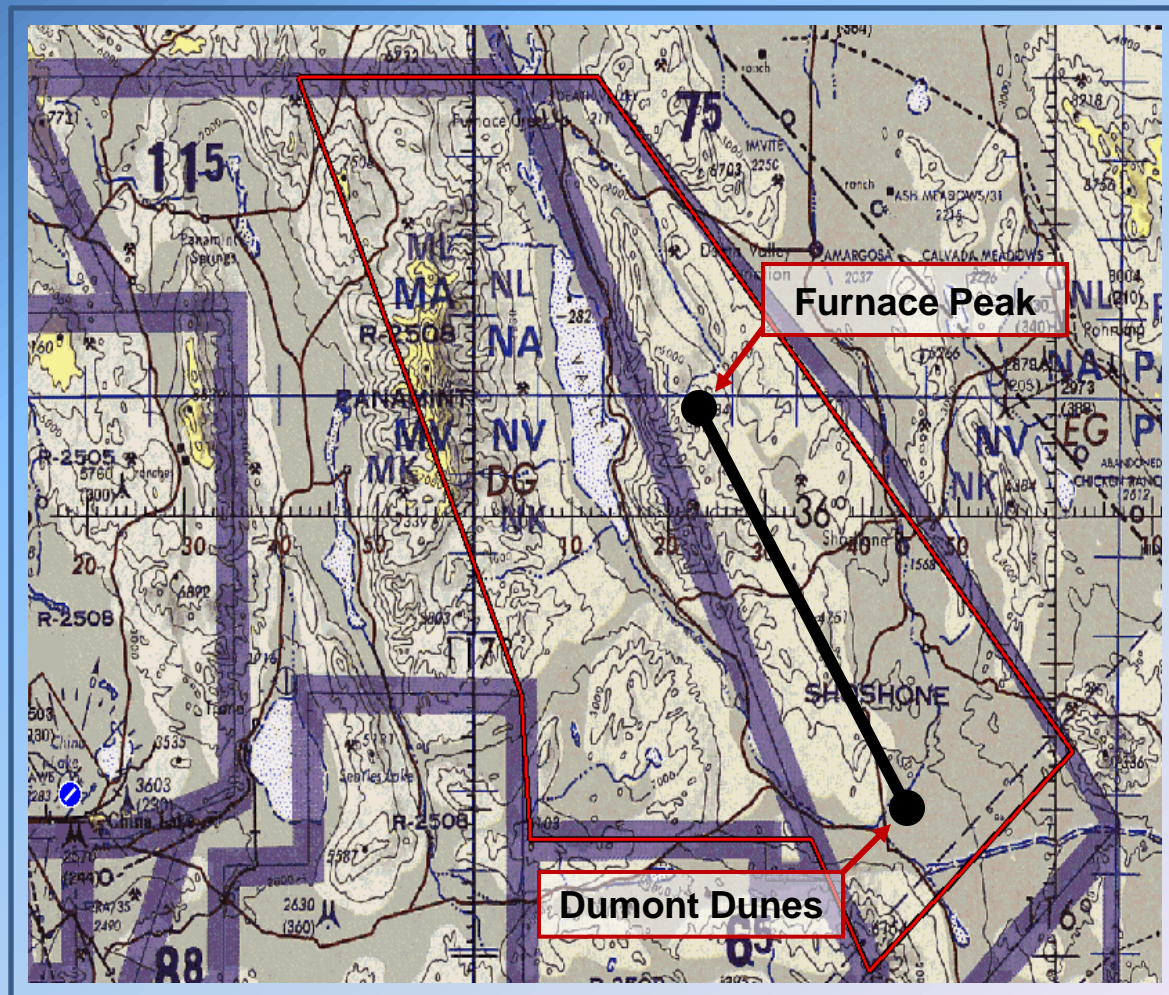
**Check NOTAMS Prior to Step
Check R-2508 Daily Brief Sheet**



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Skull Corner...

- Used by the AFFTC for ACBT
- Eastern half of Panamint MOA and ATCAA, Shoshone MOA and Shoshone North ATCAA from 200' AGL to FL 500
- Only one AFFTC user scheduled for Skull Corner at any one time.
- Shoshone airspace released to ZLA until the ACBT flight is airborne and requests activation.
- Skull Corner Cap Points are -
Furnace: $36^{\circ}11'27''\text{N } 116^{\circ}39'51''\text{W}$,
Dunes: $35^{\circ}40'.59''\text{N } 116^{\circ}13' 10''\text{W}$

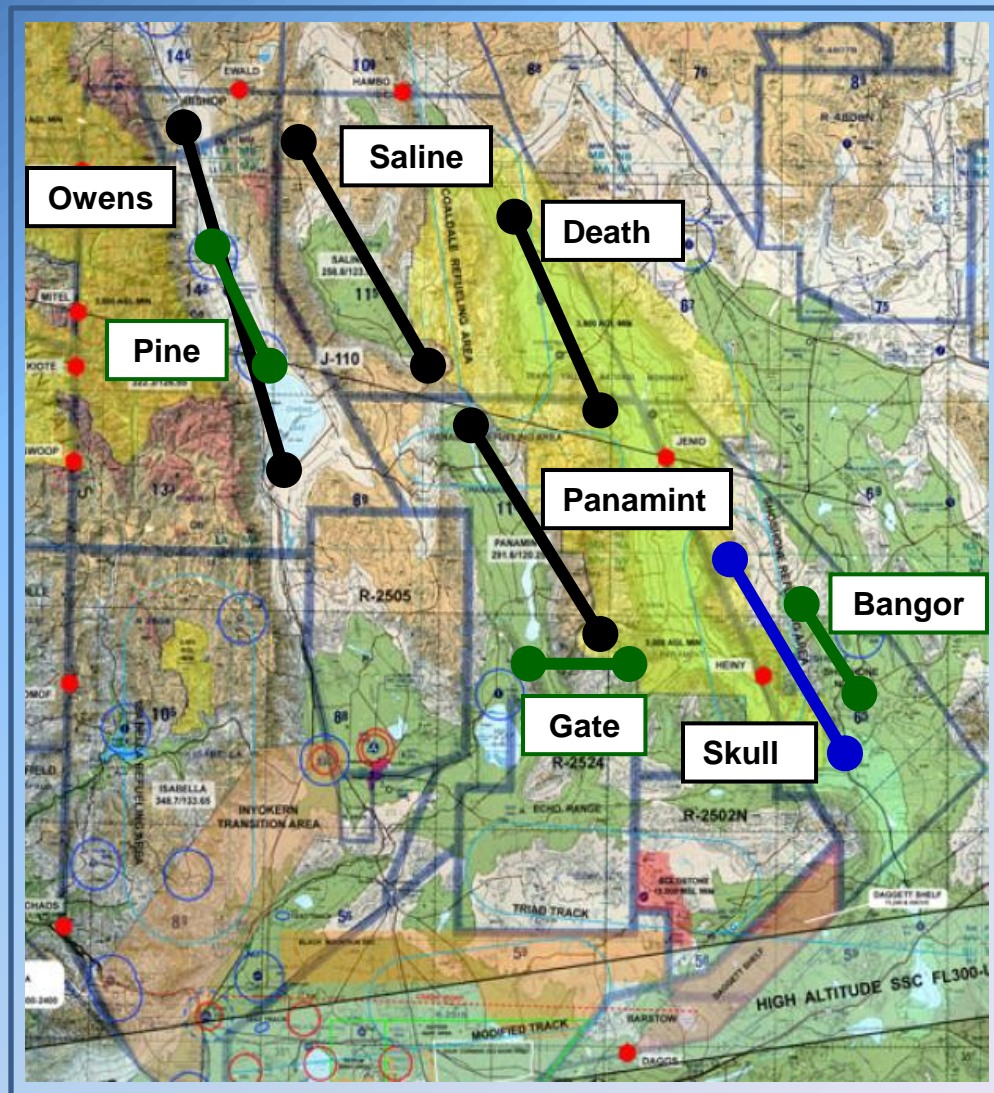




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Area Transition & Caps Points

- Aircraft transiting across working areas shall avoid aircraft actively conducting test or training whenever possible.
- Once inside R-2508, transiting aircraft should plan on traveling around or over active flights by flying near area borders and/or near the top of the area at VFR hemispheric altitudes when practical.
- **Owens:** 37° 05'N 118° 15'W to 36° 20'N 117° 55'W
- **Pine:** 36° 35.00'N 118° 03.00'W Hold Northwest between Lone Pine and Independence at 21K or ATO
- **Saline:** 37° 05'N 117° 55'W to 36° 30'N 117° 30'W
- **Death:** 36° 55'N 117° 20'W to 36° 25'N 117° 05'W
- **Panamint:** 36° 25'N 117° 25'W to 35° 55'N 117° 00'W
- **Gate:** 35° 48.80'N 116° 53.19'W Hold West, 15 Mile Legs, Left Turns, 15K to 19K or ATO
- **Skull:** 36° 11'N 116° 40'W to 35° 41'N 116° 13'W
- **Bangor/ARBNG:** 35° 39.35'N 116° 16.30'W Hold Northwest 15 Mile Legs, Left Turns, 15K to 19K (primary block), 5K to 9K (low block) or ATO. Alternate AR Cap





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NAS Lemoore/Fresno ANG

Ingress/Egress Routes

• NAS Lemoore

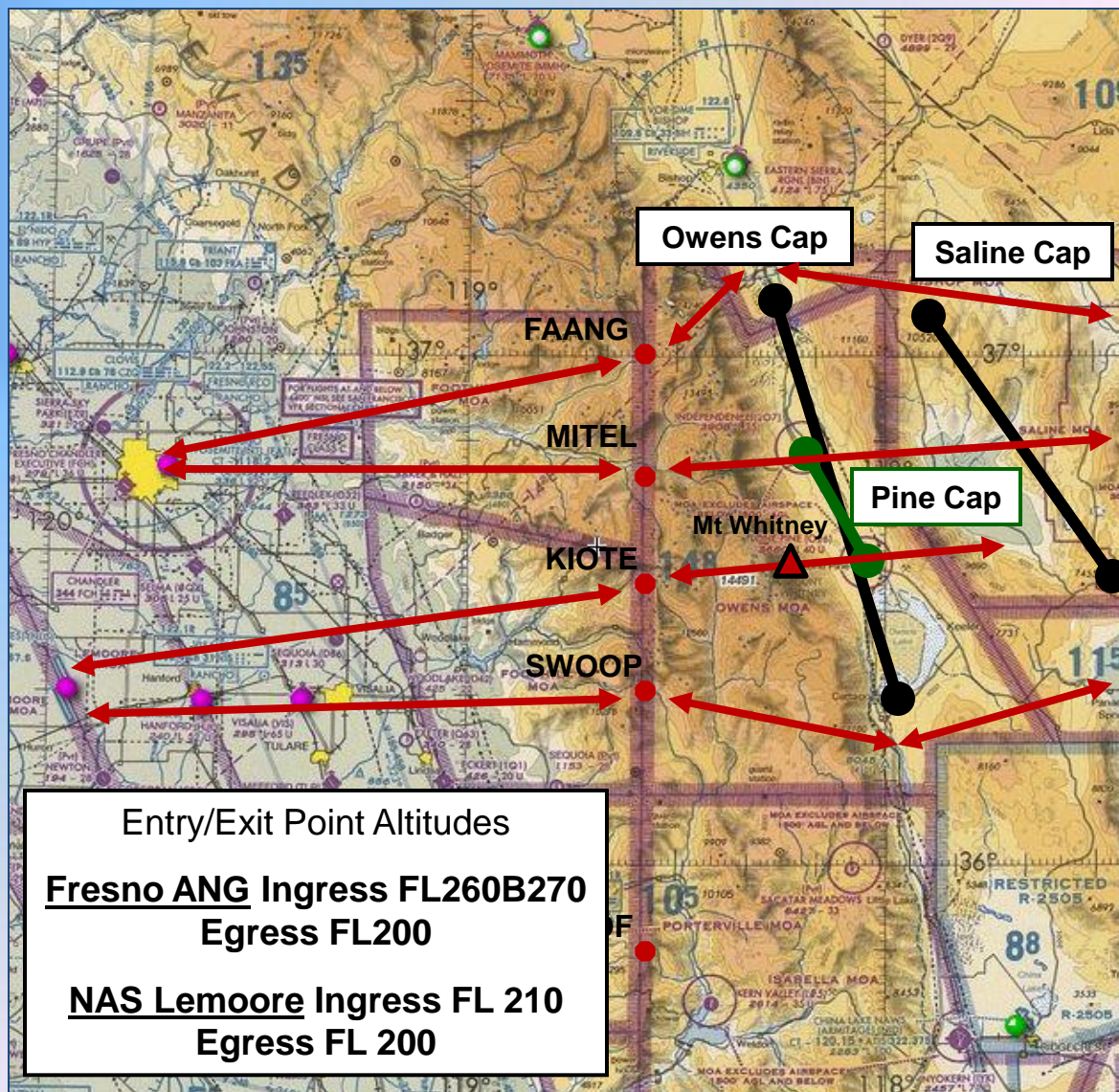
- Entry/Exit via Kiote & Swoop
- Use SWOOP to avoid Cap Points when active

• Fresno ANG

- Entry/Exit via FAANG & MITEL
- Use FAANG to avoid Cap Points when active

• Other Uses

- Be aware of heavy East/West traffic flow across Owen Valley
- Avoid Mt Whitney area

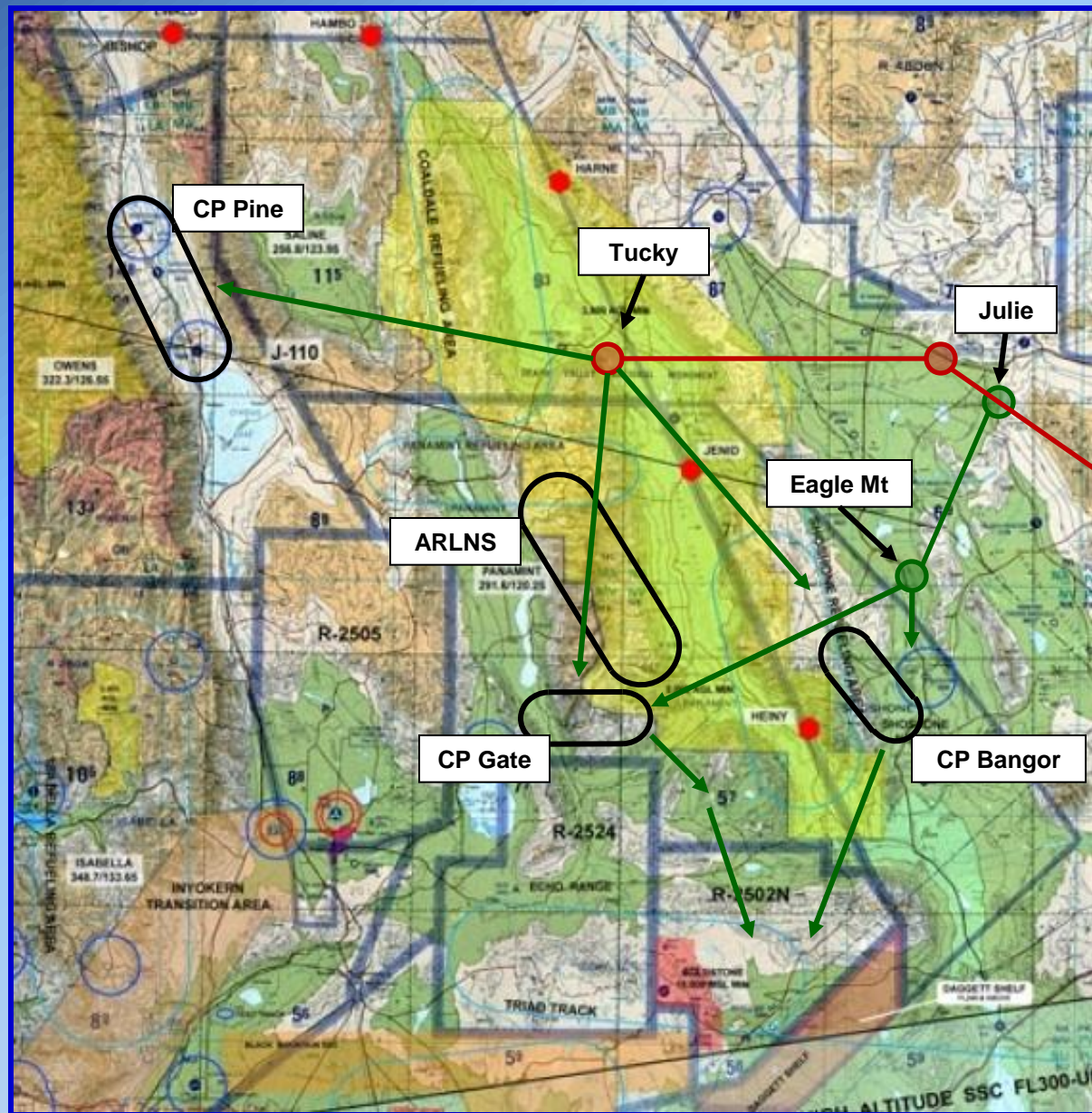




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Green Flag West...

- **IFR Routing...** Enter/Exit via TUCKY – BTY 209/18
- **VFR Routing...** Enter/Exit via Eagle Mountain
- Primary Refueling Area Linus (ARLNS) 22K'
- Alternate Refueling Area Bangor (ARBNG) 22K'
- Lone Pine CAS Orbit Hold at 21K' then operate 20K' to 200 AGL in Owens MOA/ATCAA





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Complex Common - 256.275 MHz

- Available as a Unicom for airborne airspace coordination and deconfliction.
- Monitored by CCF – Available for last chance or airborne coordination between mission aircraft & CCF
- Not monitored by Joshua, China Control, SPORT, or Desert Radio.
- Not to be used as a discrete mission or inter-flight frequency."



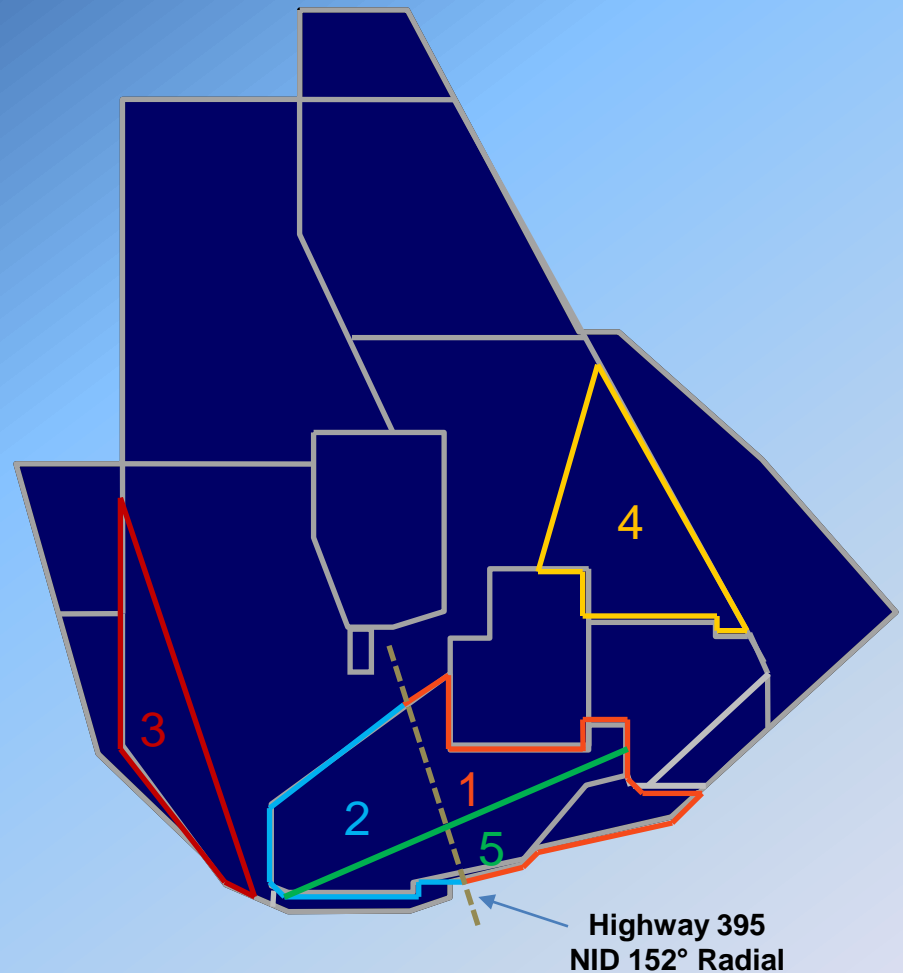


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Special Activity Areas...

Weather Areas

- Area 1:** Eastern Half of R-2515 Divided by Highway 395
- Area 2:** Western Half of R-2515 Divided by Highway 395
- Area 3:** Isabella MOA/ATCAA West of the PMD 330° Radial
- Area 4:** Panamint MOA/ATCAA East of the BTY 182° Radial
- Area 5:** R-2515 South of the FIM 049° Radial & Barstow MOA/ATCAA



What Users need to know...

- WX Areas exist in the Southern Portion of the Complex
- WX Areas are Released to ZLA for Air Carrier WX Avoidance
- Joshua/SPORT will keep users updated on areas activated
- If you're unfamiliar with WX Area locations advise Joshua or SPORT and request assistance in WX Area avoidance.



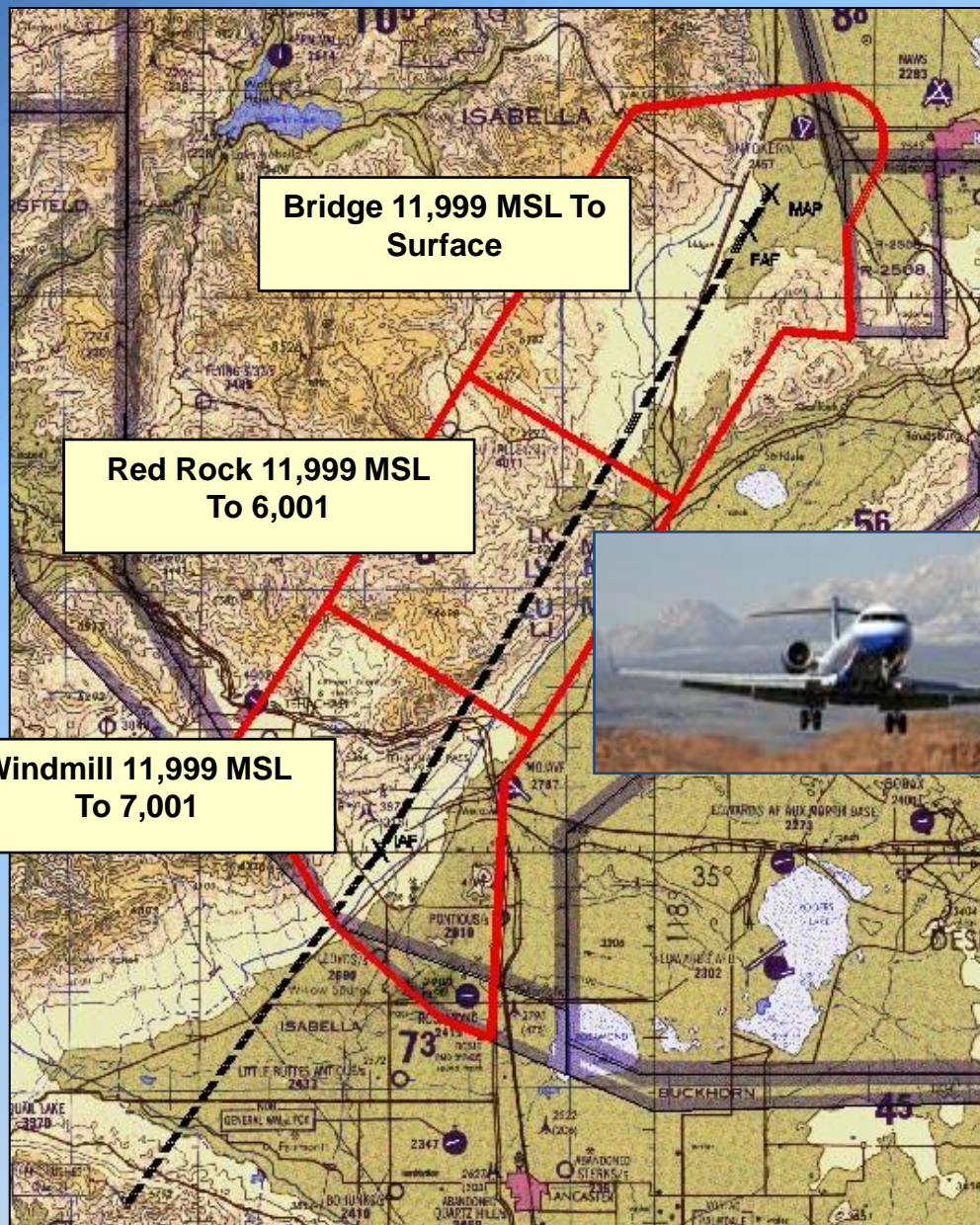
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Special Activity Areas

Inyo-Kern Transition Area

Joshua/SPORT Phraseology: ITA

- Hours: 1100–1300 and 1700–0700 Local Time
- All complex clearances Exclude the ITA during above hours
- Aircrews may request clearance to transit/operate in area at any time

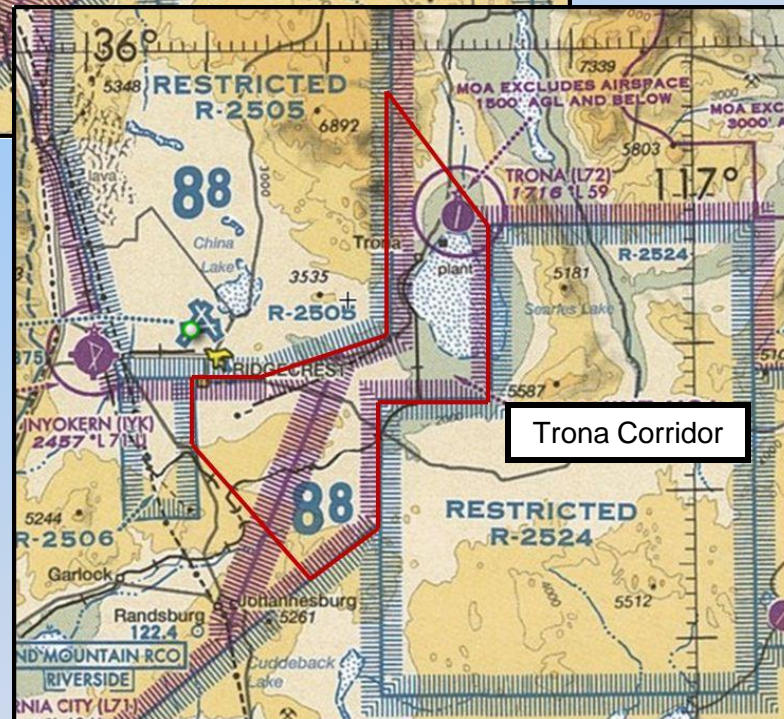
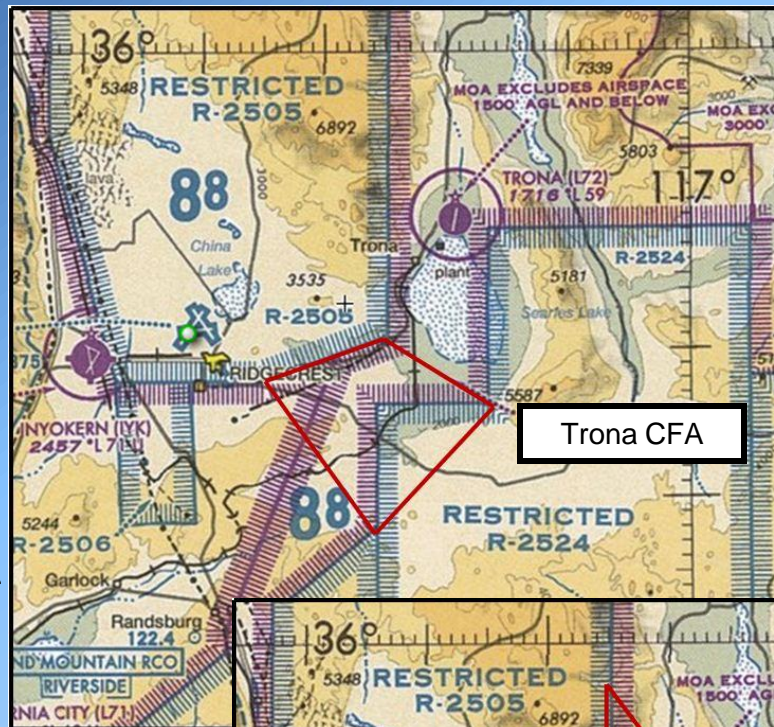




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Special Activity Areas

- Trona Controlled Firing Area - CFA
- Altitudes: 3,000 AGL to 20,000 MSL
- Used to Protect Path of Free Flight Weapons Across Trona Gap
- Trona Corridor
- Altitudes: 20,000' MSL to Infinity
- Used to Protect Path of Free Flight Weapons Across Trona Gap
- Used For UAS/RPA Transitions
- May Be Used in Conjunction With Trona Controlled Firing Area – CFA

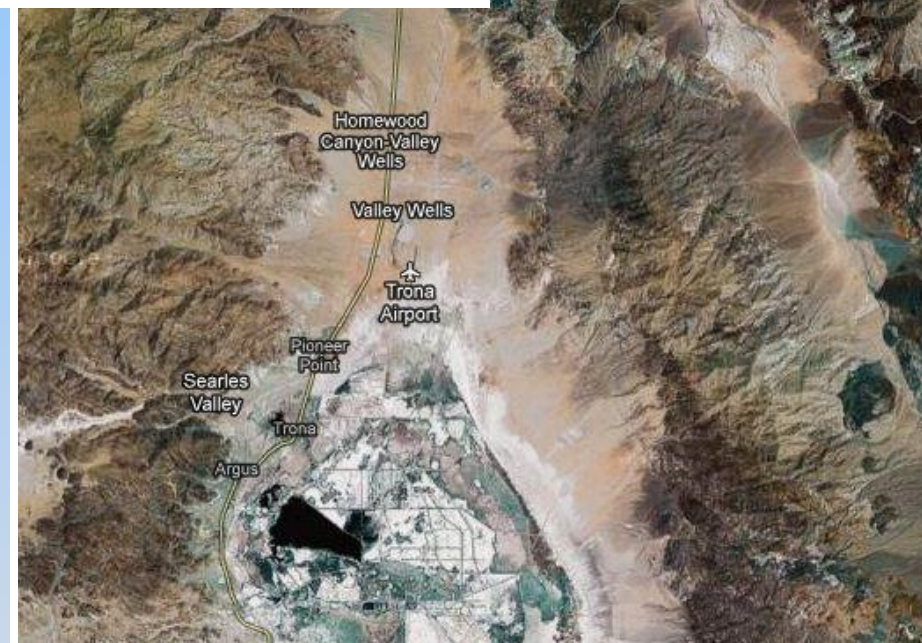




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Special Activity Areas

- CR Briggs Mine “Blasting”
- Flying Rock to Unknown Altitudes
- Blasting Times – Unless otherwise coordinated, 1100-1230L and 1600-1730L Daily
- Avoid when flying low level in southern Panamint Valley



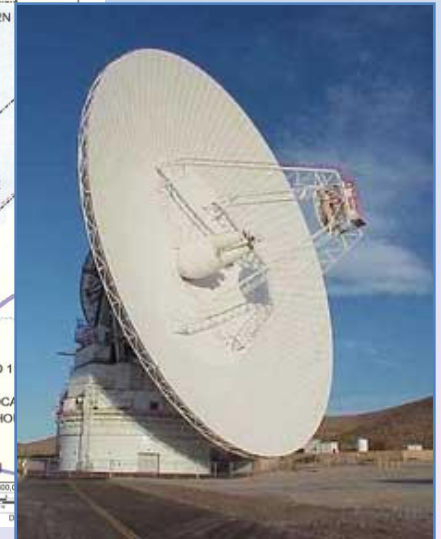
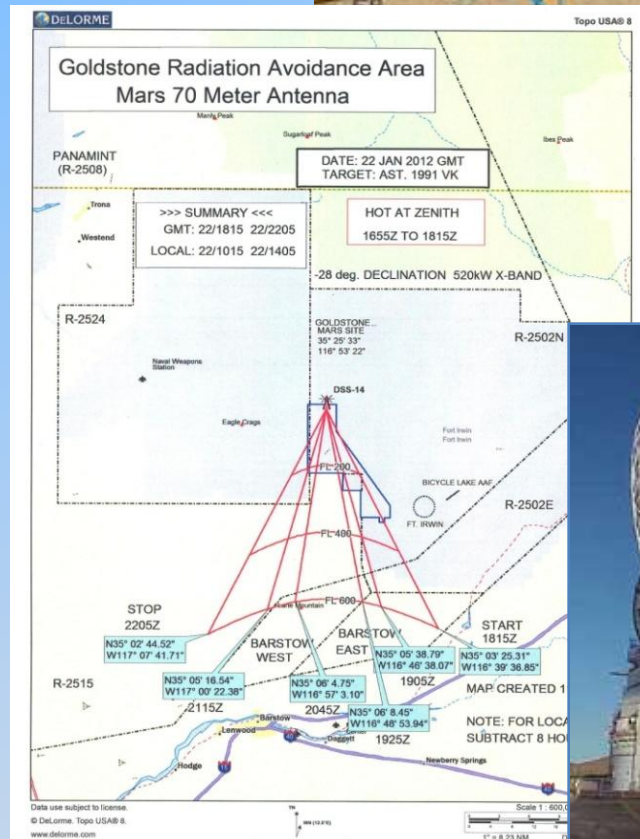


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Special Activity Areas

NASA Goldstone Facility

- **Overflight Restriction**
 - 15,000 MSL or Higher as Scheduled
 - Goldstone provides ATC/MRU with radiation map to identify affected area, altitudes, and times when 70 meter dish is radiating
- Joshua, SPORT, China Control and Desert Radio will advise Users of Affected Areas





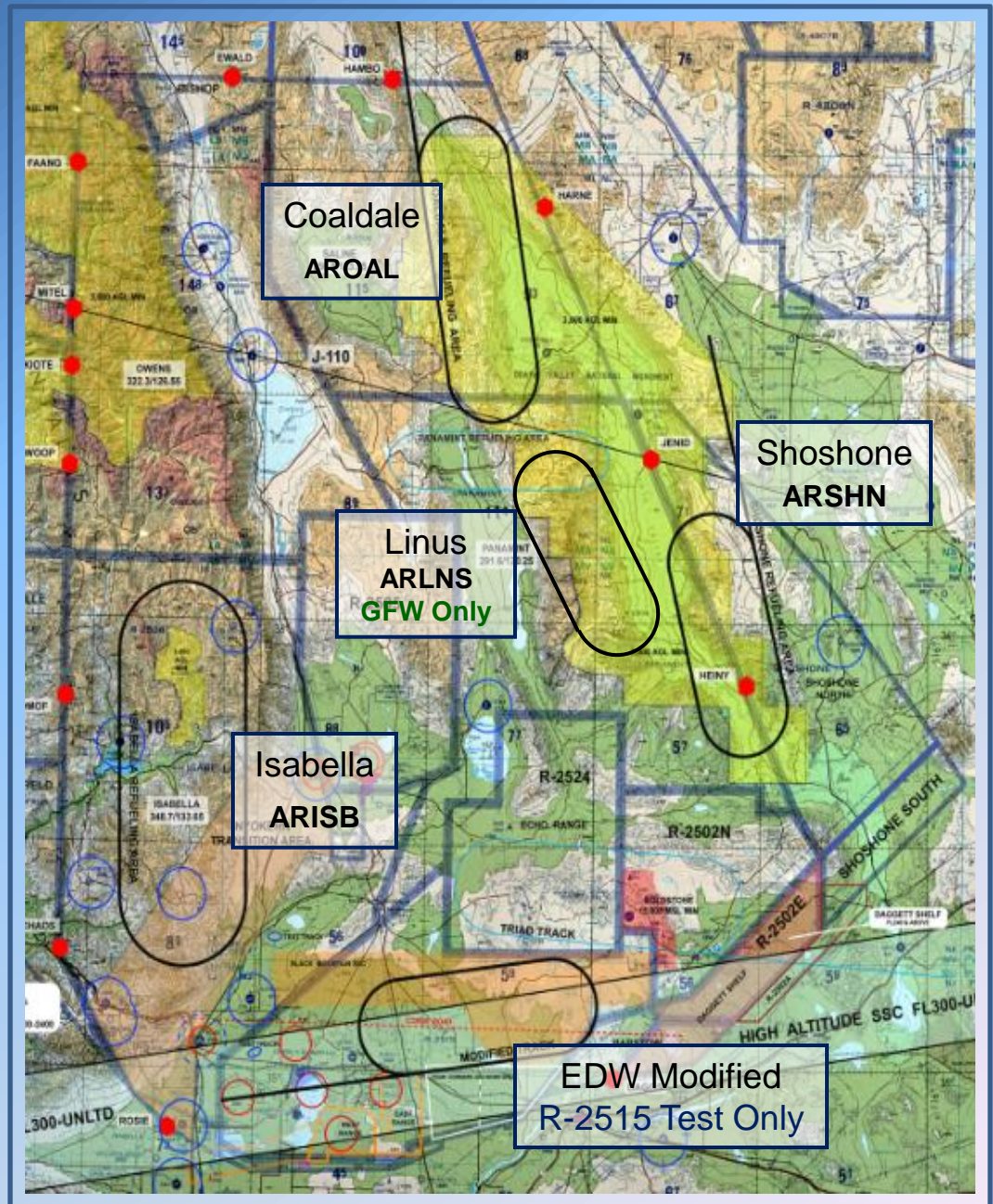
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Special Activity Areas

Air-Refueling Operations

Refueling Areas within the Complex are:

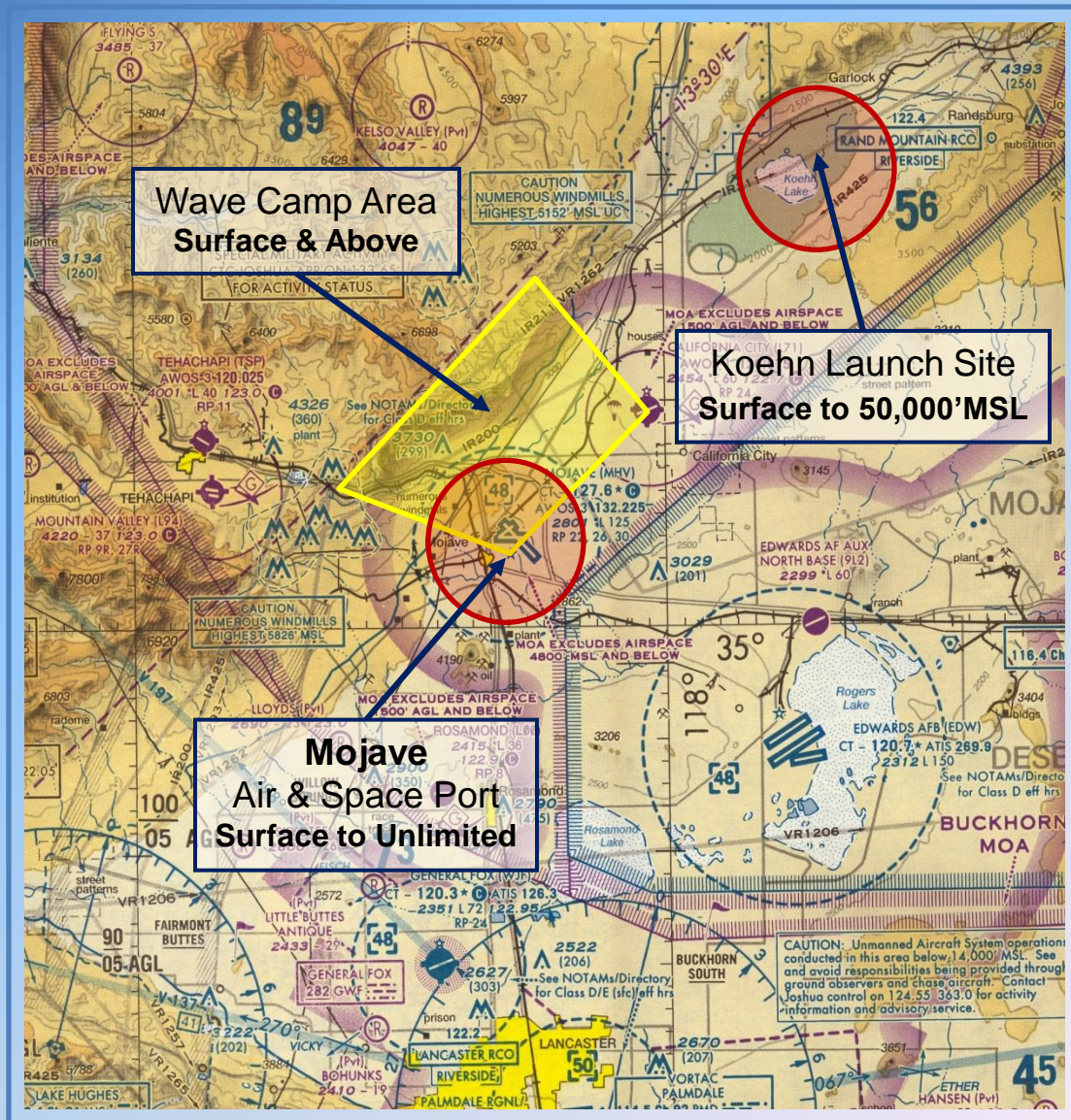
- ARISB: PMD 345/35 to 70 Left Turns
- AROAL: OAL 155/60 to 90, Left Turns
- ARSHN: BTY 150/60 to 40, Left Turns
- ARLNS: Left hand turns between N36 19.88 W117 03.45 to N36.15.35 W117 14.59 to N35 57.53 W117.02.81 to N36 02.15 W116 51.46, Left Turns (Green Flag West Only)
- EDW Modified: EDW 068/9 to 34, Left Turns (R-2515 Test Missions only)





Special Activity Areas

- **Mojave Air & Space Port:**
Experimental aircraft & rocket Research,
development, Test & Evaluation activity,
Aircraft refitting, NTPS
 - Class D: Surface to 4,800 MSL
 - Launch Altitudes: Surface to Infinity
 - Joshua will advise of launch activity
- **Koehn Dry Lake: Amateur Rocket
Launch activity.**
 - Launch Altitudes to 50,000' MSL
 - Safety observers provided
- **Wave Camp Area: Concentrated
Glider Activity - All altitudes**
 - Transponder Equipped above FL180

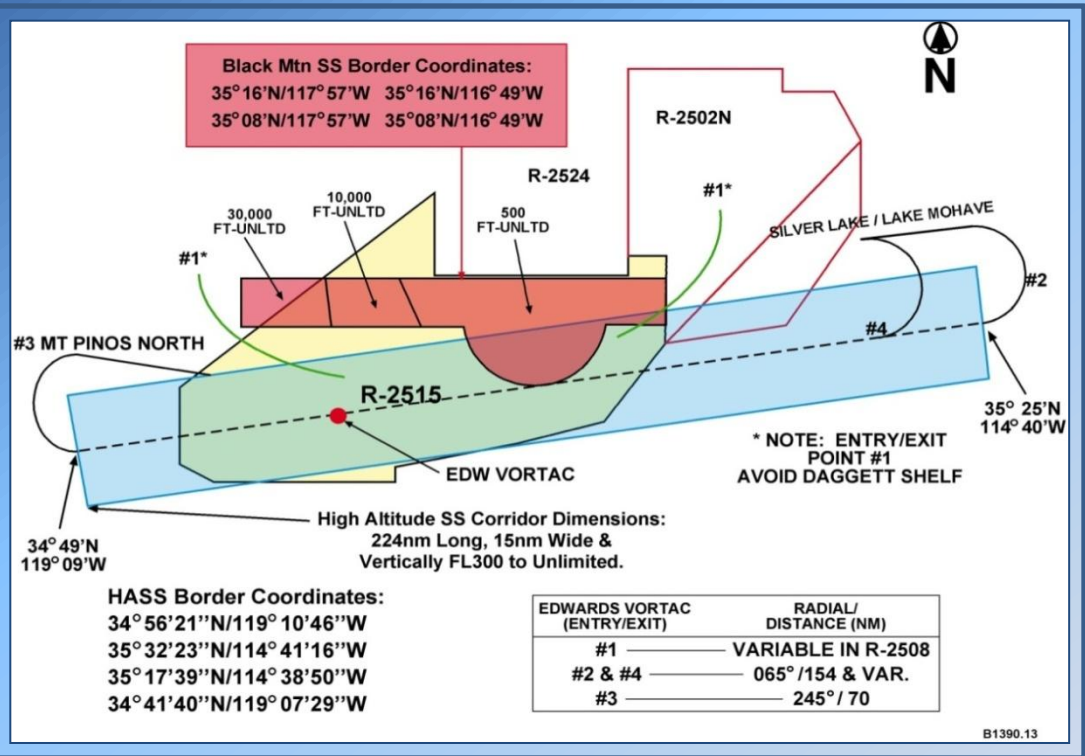




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Special Activity Areas

- Supersonic Areas
- Black Mountain Supersonic
 - Tiered Bottom
 - SPORT must be open
- High Altitude Supersonic
 - At or Above FL300
 - Entry/Exit 1 within R-2515
 - Avoid Daggett Shelf
 - Other Entry/Exit Point usage Requires Prior Coordination with SPORT and Center



Supersonic operations

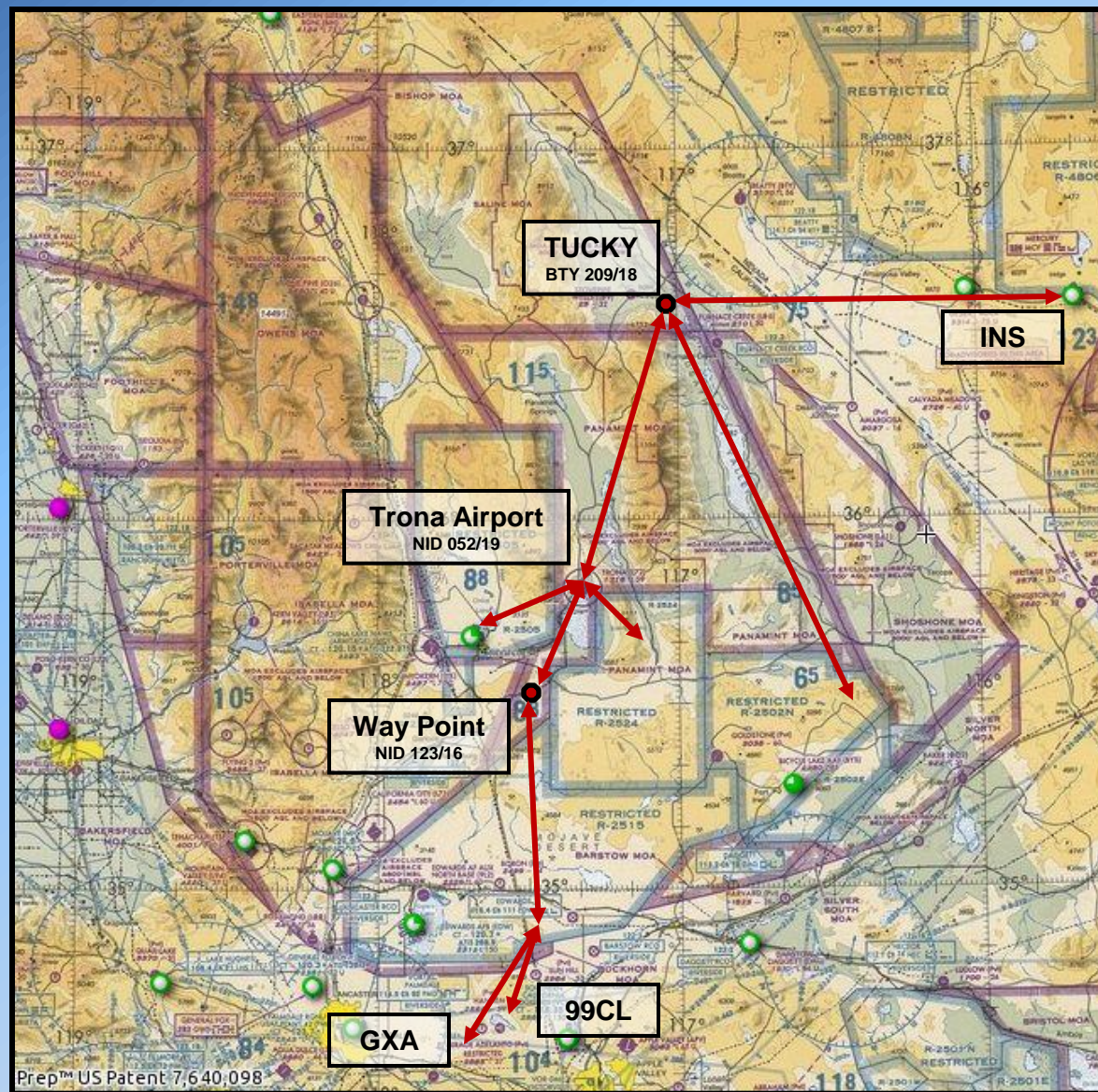
- Only in authorized supersonic areas
- Refer to R-2515 in-flight procedures (AFFTCI 11-1/13-100) regarding use of High Altitude and Black Mountain areas, additional information available through the Edwards Airspace Management Office DSN 527-2515 or 277-2515
- Schedule Supersonic Operations with AFFTC Resource Operations Center (ROC) Same Day: DSN 527-3940 next day or beyond DSN 527-4110. Include in Remarks Section of CCF Airspace Request Form.



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UAS/RPA Transition Routes

- INS..TUCKY..R2502
- INS..TUCKY..Trona Airport
 - From Trona Airport Transition to R2505, R2524, R2515, 99CL, or GXA
- All Transitions flown at FL190 or FL200 Correct Altitude for Direction of Flight





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Chaff & Flares

Chaff/ECM

- Requires specific frequency management approvals (usually via unit)
- Notify CCF of Chaff/ECM activity when scheduling airspace (remarks section)
- Additional (internal) range rules may apply

Flares

- Internal restricted areas ONLY & requires specific Using Agency approval





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Low Level Procedures

- For sustained flight below 1,500' AGL
- Requires notification/check-in with JOSHUA Approach
- Operating frequency - 315.9 MHz, NOT Monitored by ATC/MRU
 - Use as Unicom for blind transmissions, pilot to pilot only
- State Call sign, type aircraft, location and intentions
- Provides cross frequency communication capability with Land Management Agencies

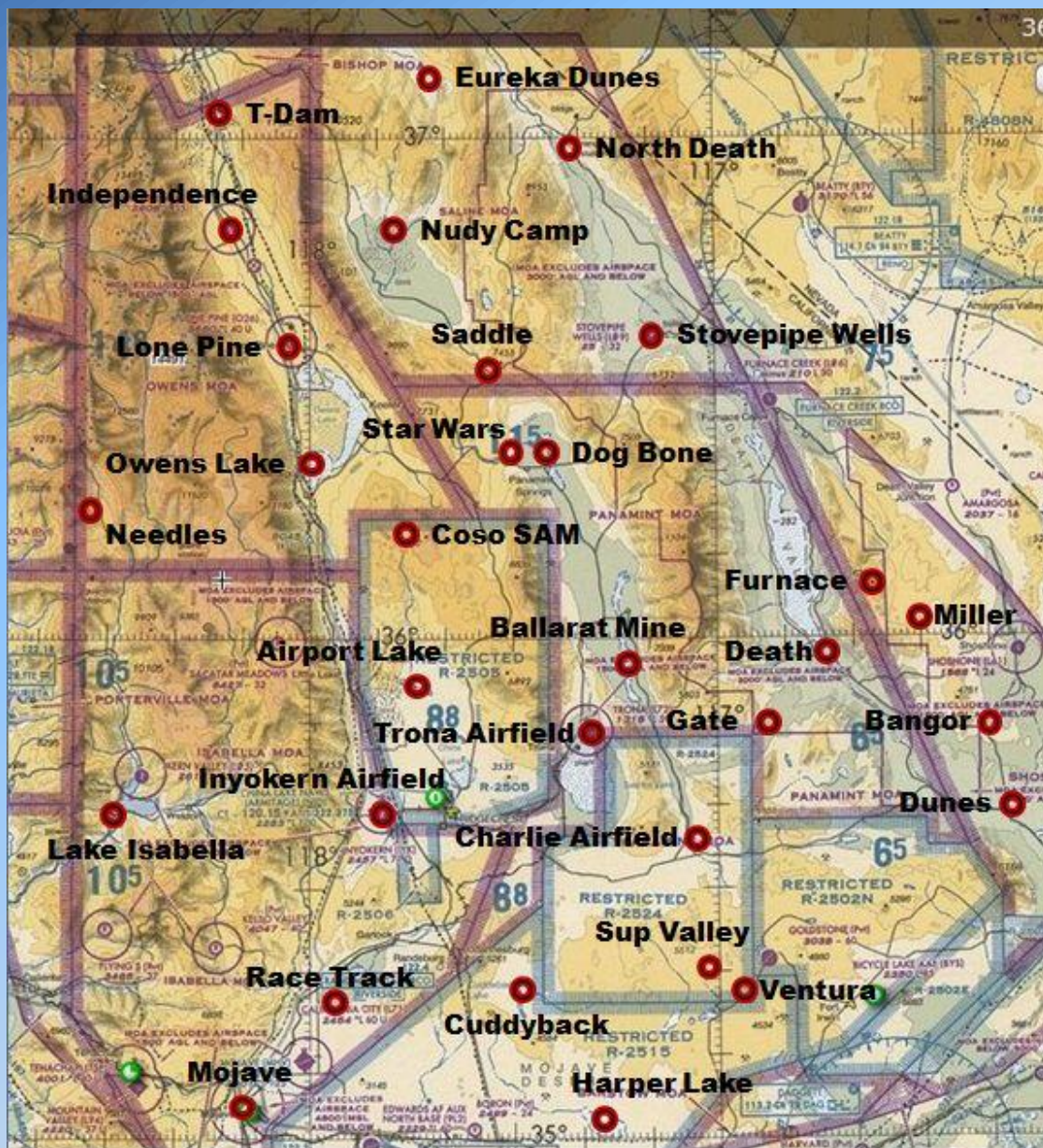




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GEO Reference Points

- Easily identifiable ground reference points used to describe aircraft position during low level flight operations on frequency 315.9
- Detailed list of these locations, names and latitude/longitude position listed in R2508 Users Handbook paragraph 5.2.1

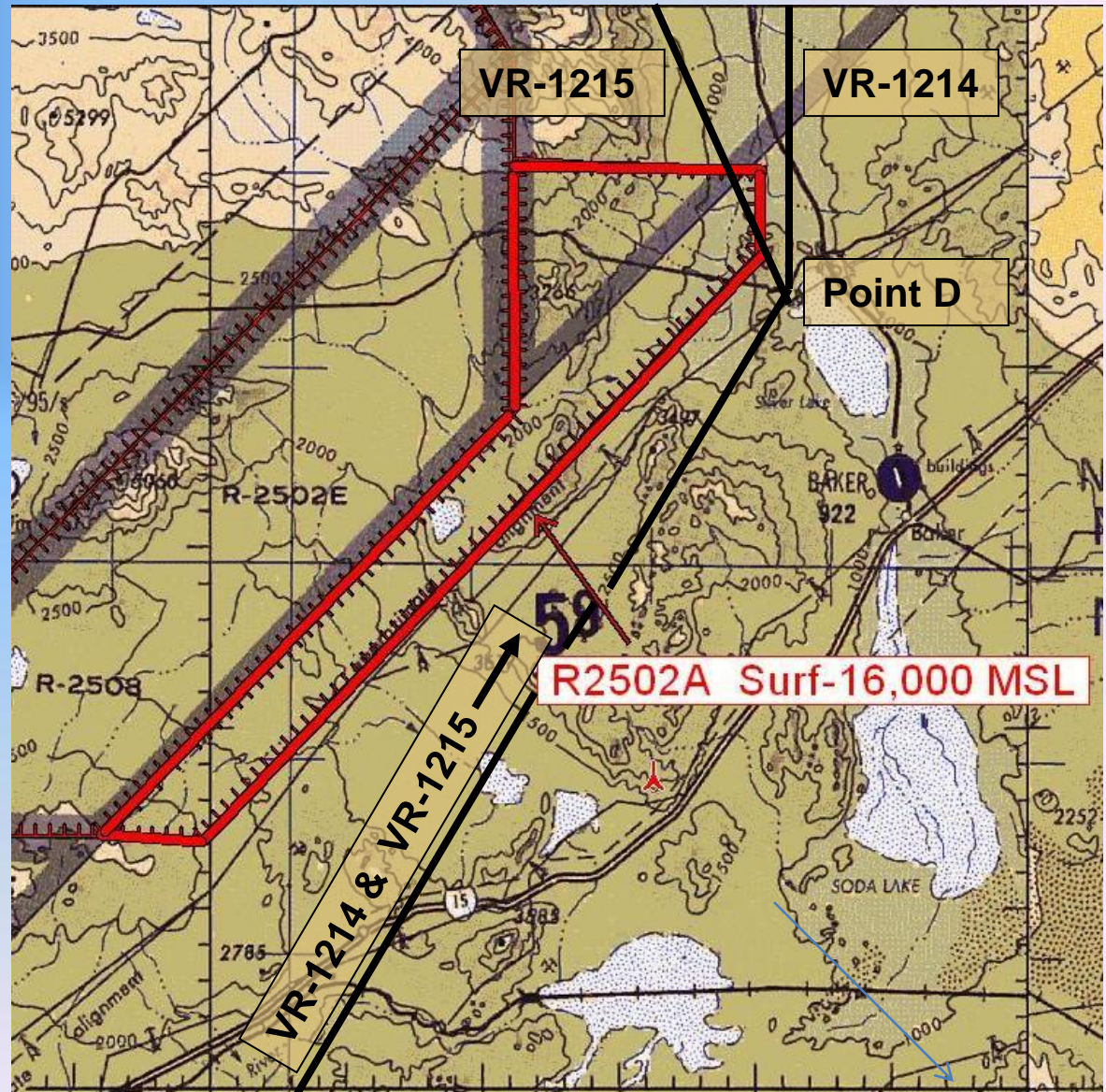




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VR-1214, VR-1215 & R-2502A **CHOKE POINT**

- VR-1214 - Remain on or right (east) of centerline from 20 NM north of Point C until 4 NM north of Point D so as to avoid R-2502A.
- VR-1215 - Remain on or right (east) of centerline from 20 NM north of Point C until Point D, remain 1 NM right (east) of centerline from Point D until 4 NM north of Point D so as to avoid R-2502A.



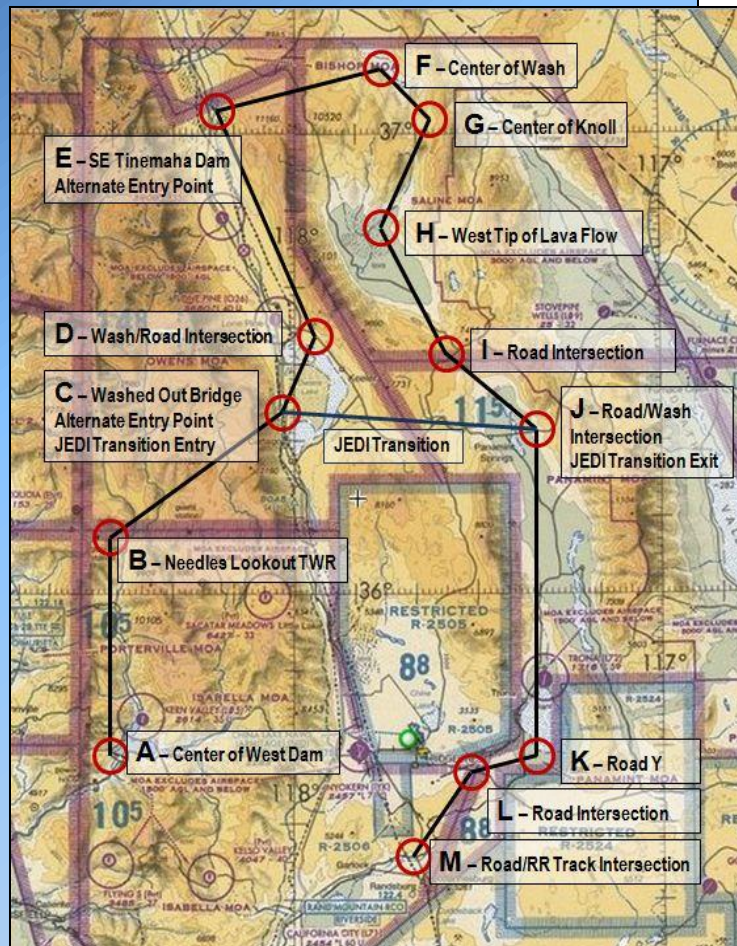


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Sidewinder

Low Level with JEDI transition

- All points must be flown in a clockwise direction, sequentially i.e. A, B, C... M, or C, D, E... O, etc. Opposite Direction Flight Prohibited
- Preferred alternate entry via points C or E
- JEDI Transition: Proceed East from Point C to Point J
- Annotate "Sidewinder" in remarks section of R-2508 Airspace Request Form.



SEWINDER LOW LEVEL (Rev 1)

CAUTION: These are R-2508 procedural controls for local use only. Points will be flown sequentially (i.e. A, B, C... M or C, J, K... M, etc). OPPOSITE DIRECTION IS PROHIBITED.

The SEWINDER and JEDI Transition are not published MTRs.

ROUTE DESCRIPTION:

PT	Lat/Long	Pt Description Elevation
A	N 35 38.75 W 118 28.94	Chr of West Dam 2575
B	N 36 06.60 W 118 29.12	Needles Lookout Twr 8107
C	N 36 24.74 W 118 00.57	Washed Out Bridge 3615
D	N 36 35.61 W 117 58.53	Wash/Road Int 3635
E	N 37 02.58 W 118 12.79	SE Tinemaha Dam 3894
F	N 37 09.18 W 117 46.19	Center of Wash 2956
G	N 37 02.17 W 117 37.09	Center of Knoll 4738
H	N 36 47.95 W 117 45.69	West Tip Lava Flow 1352
I	N 36 38.84 W 117 34.05	Road Int 6109
J	N 36 20.69 W 117 21.08	Road/Wash Int 2093
K	N 35 39.34 W 117 21.62	Road Y 1624
L	N 35 36.61 W 117 31.56	Road Int 2480
M	N 35 25.40 W 117 40.32	Road/RR Int 2785

ALTITUDE: NLT 200' AGL to 1500' AGL (points A to K); NLT 500' AGL to 1500' AGL (point M). Climb above 1500' AGL as required to avoid noise sensitive areas and airports (see note 7).
ROUTE WIDTH: 2 NM either side of centerline.

Special Operating Procedures:

- Entry Procedure: Prior to entry notify Jodua of intentions and planned Entry Exit point. Above 3000' AGL and prior to route entry make intentions call on Low Level Common (3159). Give way to any traffic already established on the route prior to entry.
- Alternate Entry: This is a procedural control and traffic may enter at any point. Preferred alternate entry points are H and K.

- Alternate Exit: This is a procedural control and traffic may enter at any point. Preferred alternate exit points are H and K.
- All aircraft operating on the Sidewinder/JEDI Transition will operate on R-2508 low altitude common frequency 3159 with call sign, number and type of aircraft, and intentions. Monitor 3159 until exiting low altitude regime. Repeat calls entering new areas, or crossing ridge line.
- Slower aircraft (i.e. C-12, T-34) may be on the route at the same time. Use caution for airspeed variations that may exist between aircraft. Aircraft being overflown has the right of way.
- To mitigate the risk of opposite direction traffic, officer right of centerline when transiting saddles between valleys. Rising terrain may mask advisory calls.
- Avoid all noise sensitive areas by 3000' AGL or 3000' laterally. Avoid all airports along route by 1500' AGL or 3 NM.
- Point A to B, fly 2 NM left of centerline or above 3000' AGL to avoid the Isabella Dam, surrounding communities, and Kernville.
- Point B to C, avoid the extremely noise sensitive areas of Olancho and Cartago.
- Point C to D, avoid the extremely noise sensitive areas of Kessler and Lone Pine. Caution: intensive hang glider activity in the vicinity of Dolomite and northeast shore of Owens Lake.
- Caution: high migratory bird activity between F and H during day light hours.
- CAUTION: Possible merging traffic from the west via Point C. Offset east of Point J for deconfliction.
- Make mandatory radio call approaching Point J "Call sign, Sidewinder, approaching Point Juliet".
- Point J to K, 180° multi-unit toward N35°53'79" W 117°17'55". Avoid Trona Airport by 1500' AGL or 3 NM.
- Point K to M, Watch for traffic northbound to China Lake initial at 4000' MSL.
- Conflicts: A to L, IR-236; B to D, VR-1255; E to I, VR-1255-1255-1262; I to L, VR-1262, IR-200; K to M, IR-200-211.

JEDI TRANSITION: At Point C proceed east to Point J. CAUTION: Possible merging traffic from the north via Point I. Offset west of Point J for deconfliction. Make mandatory radio call approaching Point J "Call sign, JEDI Transition, approaching Point Juliet". Make calls on 3159.

Route Map, Route
Description, and Standard
Operating Procedures
Published in
R-2508 User Handbook
and AFTTCI 11-1/11-100





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Lights Out & Targets of Opportunity

Lights-Out Operations

- May be conducted within internal restricted areas
- Within R-2508 IAW Unit/CCB LOP

Do Not Select Targets of Opportunity

- Highlighting test aircraft may result in a security violation or interruption of an expensive test





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R-2508 Complex Daily Brief Sheet

- What's going on the next day
- UAS Transitions
- Unusual/Special Operations
- Future Operations



R-2508 COMPLEX DAILY BRIEF SHEET

DOES NOT INCLUDE ACTIVITIES SCHEDULED WITHIN INTERNAL RESTRICTED AREAS

R-2508 Website <http://www.edwards.af.mil/r-2508.asp>

25 JANUARY 2012

CCF Online Information

AFKN Website for CCF Online Information, 24 Hour Schedule & Daily Brief Sheet:
<https://afkn.wpafb.af.mil/community/view/home.aspx?File=3AC-OP-00-08>

CCF Online Information Available On Edwards AFB Public Website:
<http://www.edwards.af.mil/r-2508.asp>

SCHEDULED REFUELING OPERATIONS

DATE/TIME (Z)	AREA	ALTITUDES	UNIT
261730Z - 252030Z	ARISB	FL230 - FL260	445 th EDW
251815Z - 252100Z	ARISB	FL180 - FL210	445 th EDW

SPECIAL ACTIVITIES/OPERATIONS

LIGHTS OUT OPERATIONS

0330Z - 0700Z, 26 & 27 January
Four F-16s conducting Lights Out operations in Saline and Panamint ATCAA FL200 B FL350.
Mission permitting, please avoid this area during above times

UAS/RPA TRANSITIONS

See Attached Maps
Real-time updates available from Joshua

FUTURE ACTIVITIES

GREY EAGLE RPA OPERATIONS

281500Z - 282200Z (Backup date 291500Z - 292200Z). Gray Eagle RPA Operating between El Mirage and Northwest Corner of Owens work area at FL250. RPA will orbit in Northwest corner of Owens for 1 hour then reverse course and return to El Mirage.

LARGE FORCE EXERCISE

See Attached Maps
Real-time updates available from Joshua
Approximately 15 - 20 aircraft conducting carrier based strikes into all R-2508 work areas, R-2505 and R-2524. Tanker support will be conducted in ARISB refueling area, altitudes to be determined.

**** INDICATES CHANGES**
For more detailed information concerning any of the above information, contact the R-2508 Central Coordinating Facility at DSN: 527-2508, COMM: (661) 277-2508.

R-2508 COMPLEX DAILY BRIEF SHEET

DOES NOT INCLUDE ACTIVITIES SCHEDULED WITHIN INTERNAL RESTRICTED AREAS

R-2508 Website <http://www.edwards.af.mil/r-2508.asp>

LARGE FORCE EXERCISE

R-2508 Complex	ALTITUDE	REFUELING
050300Z - 050445Z	FL290	FL180 - FL210
110130Z - 110315Z	FL290	FL180 - FL210
120130Z - 120315Z	FL290	FL180 - FL210
130130Z - 130330Z	FL290	FL180 - FL210

**** INDICATES CHANGES**
For more detailed information concerning any of the above information, contact the R-2508 Central Coordinating Facility at DSN: 527-2508, COMM: (661) 277-2508.

CREECH TO 02N	ALTITUDE	RETURN	ALTITUDE	CALL SIGN
031730Z-031800Z	FL200	040200Z-040210Z	FL190	REAPER 1
031530Z-031600Z	FL200	040500Z-040510Z	FL190	GRIM 1
041730Z-041800Z	FL200	050200Z-050210Z	FL190	REAPER 1
041530Z-041600Z	FL200	050500Z-050510Z	FL190	GRIM 1
051730Z-051800Z	FL200	060200Z-060210Z	FL190	REAPER 1
051530Z-051600Z	FL200	060500Z-060510Z	FL190	GRIM 1

**** INDICATES CHANGES**
For more detailed information concerning any of the above information, contact the R-2508 Central Coordinating Facility at DSN: 527-2508, COMM: (661) 277-2508.



R-2508 Annual Users Briefing

IFR Flight Planning

- Flight Plans should be filed with 2 separate legs...
- Leg 1: Departure point, route of flight, R-2508 entry point, R-2508 as destination.
- Leg 2: R-2508, R-2508 exit point, flight route, destination airport/fix
- Do not file a delay in the Complex
- Filing a delay may result in the loss of the second half of your flight plan
- May result in extensive delay in receiving IFR Clearance out of area



The top form is DD Form 175, MAY 86, titled 'FLIGHT PLAN'. It includes sections for 'BASE OPERATIONS USE', 'REMARKS', 'FUEL ON BOARD', 'SIGNATURE OF APPROVAL AUTHORITY', 'DUTY PILOT', 'CREW/PASSENGER LIST', 'WEATHER', 'TIME STARTED', 'CRUISING ALTITUDE', 'DEPARTURE TIME', 'DEPARTURE POINT', 'EST. TIME ENROUTE', 'DESTINATION (Name of airport and city)', 'ALTERNATE AIRPORT(S)', 'COLOR OF AIRCRAFT', and 'FSS ON ARRIVAL'.

The bottom form is FAA Form 7233-1 (6-21) Electronic Version (Adobe), titled 'CLOSE VFR FLIGHT PLAN WITH'. It includes sections for '1. TYPE', '2. AIRCRAFT IDENTIFICATION', '3. AIRCRAFT TYPE/SPECIAL EQUIPMENT', '4. TRUE AIRSPEED', '5. DEPARTURE POINT', '6. DEPARTURE TIME', '7. CRUISING ALTITUDE', '8. ROUTE OF FLIGHT', '9. DESTINATION (Name of airport and city)', '10. EST. TIME ENROUTE', '11. REMARKS', '12. FUEL ON BOARD', '13. ALTERNATE AIRPORT(S)', '14. PILOT'S NAME, ADDRESS & TELEPHONE (OPTIONAL)', '15. NUMBER ABOARD', and '16. COLOR OF AIRCRAFT'.



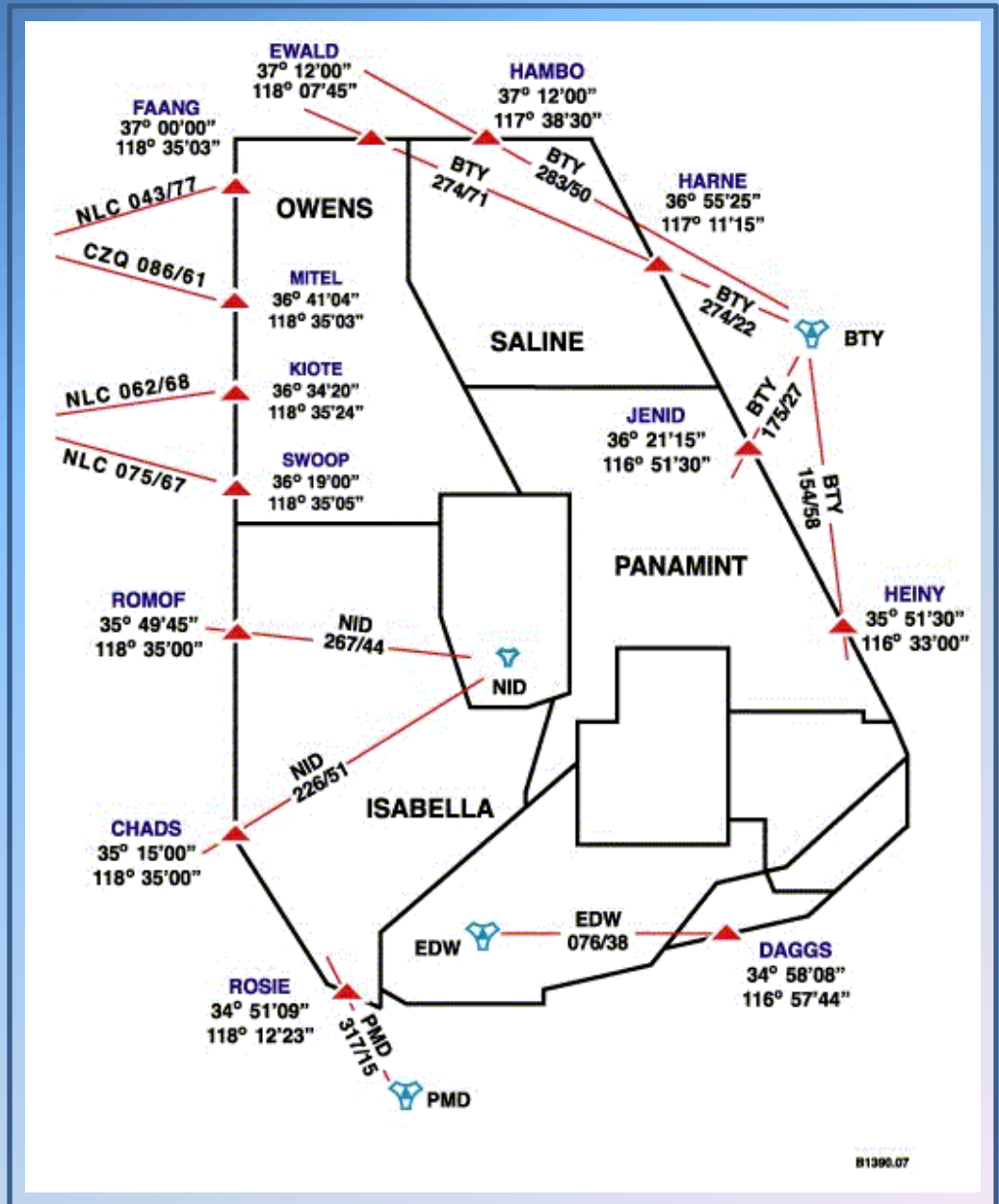
R-2508 Annual Users Briefing

Entry/Exit Points

Flight Plan Entries...

- Use Complex entry/exit points during flight planning to alert Joshua/Center of your intentions.

*NID TACAN is unmonitored when China Lake airfield is closed.



B1396.07





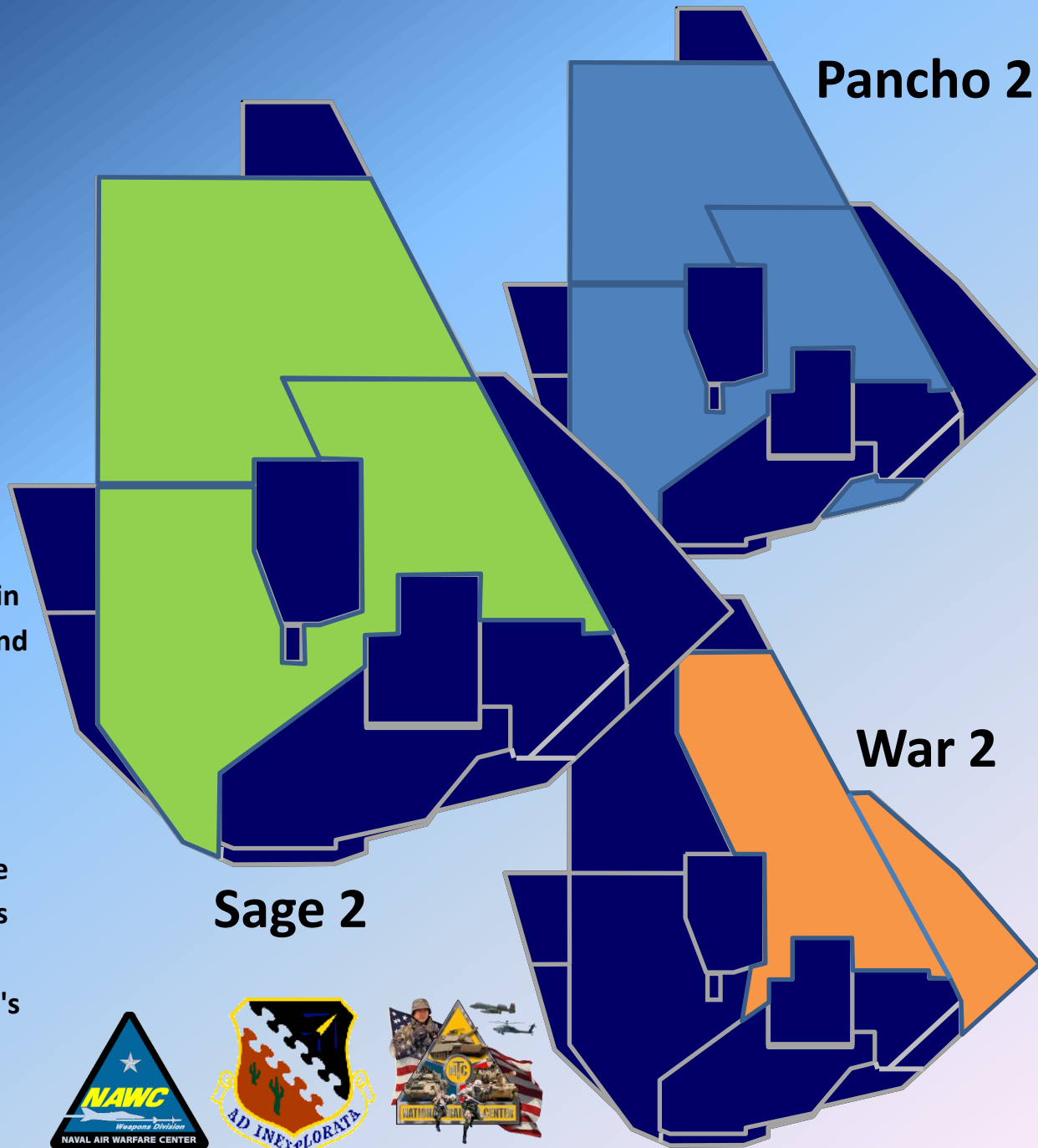
R-2508 Annual Users Briefing

Complex Clearances

SAGE 2: Isabella, Owens, Saline, and Panamint, FL290 and below

PANCHO 2: Clearance to operate within Isabella and Panamint work areas at and below FL500, and Owens and Saline work areas at and below FL290... Only EDW, NID, and PMD based aircraft are authorized a PANCHO 2

WAR 2 Clearance: Clearance to operate in the Saline and Panamint Work Areas at and below FL290, Shoshone MOA, and Shoshone North and South ATCAA's at and below FL230.





R-2508 Annual Users Briefing

R-2508 Scheduling

CCF Office Hours - Monday thru Friday
0600-1800L, excluding holidays

- Schedule NLT 1600L Day Prior
- Schedule NLT 1600L Friday for Weekend Operations
- After hours schedule changes: Call CCF
After Hours Number 1-866-805-2851
- Used for changes to previously scheduled missions



R-2508 COMPLEX AIRSPACE REQUEST

DATE OF MISSION: 19 Apr 10

ACFT: AGRO 11, BPA721, CLUSTER 31, OWARF 41, MOJAVE 51, ACES11

NUMBER & TYPE: 2x16, 2x16, 2x16, 1x16, 1x16

ETA R-2508: 2145, 2145, 2145, 2000, 2000

EST DELAY: 60, 60, 60, 60, 60

REQUESTED ALTITUDE: FL200, FL200, FL200, FL200, FL200

DEPT AIRPORT: NLC, NLC, NLC, NLC, NLC

ARRIVAL AIRPORT: SAGE1, SAGE1, SAGE1, SAGE1, SAGE1

SQUADRON: 549 CTS, 549 CTS, 549 CTS, 549 CTS, 549 CTS

PHONE: 860-8570, 860-8570, 860-8570, 860-8570, 860-8570

FAX: 860-4214, 860-4214, 860-4214, 860-4214, 860-4214

ACKNOWLEDGEMENT OF RECEIPT: 1711945, 1711945, 1711945, 1711945, 1711945

DATE/TIME: 19 Apr 10, 19 Apr 10, 19 Apr 10, 19 Apr 10, 19 Apr 10

CCF INITIALS: [Handwritten initials]

R-2508 COMPLEX AIRSPACE REQUEST

DATE OF MISSION: 15 Apr 10

SQUADRON: VFA-125

PHONE: DSN: 549-1773

FAX: 549-1773

ACKNOWLEDGEMENT OF RECEIPT: 1510024, 1510024, 1510024, 1510024, 1510024

DATE/TIME: 15 Apr 10, 15 Apr 10, 15 Apr 10, 15 Apr 10, 15 Apr 10

CCF INITIALS: [Handwritten initials]

R-2508 COMPLEX AIRSPACE REQUEST

DATE OF MISSION: 15 Apr 10

SQUADRON: VFA-125

PHONE: DSN: 549-1773

FAX: 549-1773

ACKNOWLEDGEMENT OF RECEIPT: 1510024, 1510024, 1510024, 1510024, 1510024

DATE/TIME: 15 Apr 10, 15 Apr 10, 15 Apr 10, 15 Apr 10, 15 Apr 10

CCF INITIALS: [Handwritten initials]

Email: 2508CCF@edwards.af.mil

FAX Back to: CCF @ DSN 527-4798 or Comm: (661) 277-4798



R-2508 Annual Users Briefing

Scheduling

Why CCF Needs your Airspace
Request Form NLT 1600L Day
Prior (Friday for Weekends)

Airspace Activation, Release and
Recall Information is sent to
Los Angeles Center NLT 1700L

Late scheduling could result in
Mission Loss or Delay



R-2508 CENTRAL COORDINATING FACILITY
EDWARDS AIR FORCE BASE, CALIFORNIA
AIRSPACE "RELEASE AND RECALL"
After Hours Phone Number: 1-866-805-2851

Page 2 of 2

II. (Contd.) MDA/ATCAA Release and Recall

AREA	ACTIVATED FROM	ACTIVATED TO	AT/OR BELOW ALT	REMARKS
Panamint	090100	090200	300	
	090200	090500	400	
	090500	090515	300	
	090515	090530	290	
	090530	090600	130	
Saline	090100	090200	300	
	090200	090500	400	
	090500	090515	300	
	090515	090530	290	
	090530	090600	130	
Shoshone MDA	090200	090500	180	
Shoshone North ATCAA	090200	090500	400	

R-2508 DAILY ACTIVATION NOTIFICATION
16 April 2010

AREA	FROM	TO	OVERFLIGHT ALT	REMARKS
02E	161300	170100	240	
02N	161300	170100	300	
		170100	HOT	
			161944	
			162115	HOT
			170100	110
			161944	RLSD
			162115	NOT RLSD
			170100	RLSD
			170100	RLSD

R-2508 CENTRAL COORDINATING FACILITY
EDWARDS AIR FORCE BASE, CALIFORNIA
AIRSPACE "RELEASE AND RECALL"
After Hours Phone Number: 1-866-805-2851

Page 1 of 2

I. Restricted Area Release and Recall for period starting 090100Z April 2010

AREA	RELEASED FROM	RELEASED TO	AT/OR ABOVE ALT	REMARKS
R-2502E	090100	091300	240	
R-2502N	090100	091300	290	
R-2502A	090100	091300	RLSD	
R-2505	090100	091300	RLSD	
LYK SHELF	090100	091300	RLSD	
R-2506	090100	091300	RLSD	
R-2508	090100	091300	RLSD	
R-2515	090100	091300	RLSD	
	090100	091300	RLSD	
	090401	090400	HOT	
	090415	090614	HOT	
	090701	090700	HOT	
R-2524	090100	091300	050	

II. MDA/ATCAA Release and Recall

AREA	ACTIVATED FROM	ACTIVATED TO	AT/OR BELOW ALT	REMARKS
Barstow East ATCAA	090100	090515	230	
Barstow MDA	090100	090515	180	
Barstow West ATCAA	090100	090515	300	
Bishop MDA	090100	090200	180	
Buckhorn MDA/ATCAA	090230	090530	180	
	090100	090500	300	
Isabella	090500	090530	100	
	090100	090330	420	
	090330	090500	400	
	090500	090515	300	
Owens	090530	090530	290	
	090100	090600	130	
	090330	090330	420	
	090500	090515	400	
	090515	090530	300	
	090530	090600	290	
			130	



R-2508 Annual Users Briefing

Scheduling

- Scheduling data used to Generate ATC Flight Plan Information and Flight Progress Strip for Joshua
- Flight Strip is Your Ticket for entry into the Complex
- Use R-2508 Complex Airspace Request Form and Submit via Fax or Email
- Units will receive return acknowledgement
- Changes to received schedules **MUST** be called in, emailed, or Faxed to CCF
- Include internal restricted areas as scheduled with Using Agency



AGR011		2145	S, T, SHN, Ø2N, Ø2E, SHS,	29Ø			
F16	LSV		SH				
1F3Ø3824G33891							

RADER51		153Ø	I, Ø, S, T, BI	29Ø			
F18	NLC						
1F3Ø3456G33851							

XPERT11		15ØØ	I, Ø, S, T	35Ø			
F18	NLC						
1F3Ø3486G33852							





R-2508 Annual Users Briefing

What's Available Online...

- R-2508 Daily Flying Schedule posted online Monday Thru Friday at 0700L
- Includes Work Areas and Mission Profiles as provided by on R-2508 Airspace Request Form
- Access requires .mil email address and CAC log on

• <https://afkm.wpafb.af.mil/community/views/home.aspx?Filter=MC-OP-00-08>

R-2508 Complex Enhanced Advisory Service

My AFKM AFKM Links CoP Links Admin Links Help Links

Air Force Sites
Air Force Materiel Command

R-2508 Links
R-2508 Web Site
Edwards R-2508
NIFC (TFR) Site
Edwards Web

R-2508 Central Coordinating Facility (CCF)

R-2508 Complex

CCF Schedule for 06/01/2010 1500 thru 06/03/2010 0600

Date	Callsign	Aircraft # Type	Dep	Arr	From	To	Lo	High	Airspace	Type	Remarks
06/01	XPRT11	1 FA18	NLC	NLC	1545	1715	000	250	O,S,SH,SHN,T	Death CAP	
	GHOST69	1 F16	EDW	EDW	1600	1800	000	250	15,I,S,T	Skull Corner	
	RADER51	1 FA18	NLC	NLC	1600	1730	000	250	15,I,S,T	Owens CAP - SEKI	
	COSO21	1 FA18	NID	NID	1615	1800	000	250	15,ARISB,I,O	Trona CFA	
	GHOST86	1 KC135	EDW	EDW	1630	2000	000	250	15,ARISB,I,O	Isabella AR 180B210	
	XPRT61	1 FA18	NLC	NLC	1730	1900	000	250	15,ARISB,I,O	Xpert 1 LL Points A to G	

R-2508 COMPLEX AIRSPACE REQUEST

DATE OF MISSION: _____

SQUADRON: _____

PHONE #: _____

FAX #: _____

CCF USE ONLY
CCF ACKNOWLEDGEMENT OF RECEIPT
DATE/TIME REC: _____
CCF INITIALS: _____

AIRCRAFT CALLSIGN	NUMBER & TYPE A/C	ETA R-2508 (in ZULU)	EST DELAY in R-2508	REQUESTED ALTITUDE	DEPT AIRPORT	ARRIVAL AIRPORT	AIRSPACE REQUESTED	TYPE MISSION / REMARKS
XPRT 11	F/A18	1545	1+30	350	NLC	EDW	O,S,T,SHN	Death CAP
GHOST 69	F16D	1600	2+00	290	EDW	EDW	15,I,S,T	Skull
RADER 51	F/A18	1600	1+30	290	NLC	NLC	I,O	Owens CAP, SEKI
COSO 21	F/A18	1615	1+45	350	NID	NID	05,24,I,T	Trona CFA
GHOST 86	KC135	1630	3+15	290	EDW	EDW	15,ARISB	180 B 210
XPRT 61	F/A18	1730	1+30	350	NLC	NLC	15,ARISB	XPRT 1 A to G
HYPER 11	F16	400	2+00	400	FAT	FAT	O,S,T	Lights Out

Email: 2508CCF@edwards.af.mil

Fax To: CCF @ DSN 527-4798 or COMM: (661) 277-4798





Online...

- **Users Handbook**
- **This Briefing**
- **Airspace Request Form**
- **Situation Report (SITREP)**
- **Pilot Guide & Map**
- **NID Transient Pilot Brief**
- **Where?**

<http://www.edwards.af.mil/r-2508.asp>

[illegible]



R-2508 Annual Users Briefing

SITREP

(R-2508 Situation Report)

- Official Communication
- Official Response
- Don't wait too long...



2010-04-12 15:25 6612774798 P 2/2

R-2508 SITUATION REPORT

FROM: (OPTIONAL) LFA/ MBR/K 452 AMN/SEF DSN: 527-2508 FAX: DSN 527-4798

TO: R-2508 Central Coordinating Facility 100 E. Sparks Dr. Edwards AFB CA 93524-8090

DATE RECEIVED: 4-12-2010

DATE OF REPORT: 4-12-2010

This form may be used by aircrws or controllers to submit any constructive information to improve the safety and efficiency of aviation operations in the R-2508 Complex. Identification of the drafter is optional. This form is intended for the reporting of circumstances/services that enhance or degrade the user's mission within the R-2508 Complex. This form will not be used to replace reports of situations that require submission of Hazardous Air Traffic Reports (HATR), Operational Air Hazard Reports (OHR), or Near Mid-Air Collision (NMAC) Reports. Request this report be submitted within 5 days of the incident to ensure availability of required data necessary to support analysis of the reported situation.

The information contained in this form is for military OFFICIAL USE ONLY and will be used for the exclusive purpose of improving air operations within the R-2508 Complex. No punitive or disciplinary action will be taken as a result of statements made on this form.

DATE/TIME SITUATION OCCURRED: 1400L

LOCATION SITUATION OCCURRED: BEHATING

TYPE AIRCRAFT: C-17

CALL SIGN: SLAM

FREQUENCY: 124

ALTITUDE: 10000

NARRATIVE: (Be as complete as possible. Include recommendations to prevent recurrence. Add additional sheets as necessary.)

R-2508 SITUATION REPORT

FROM: (OPTIONAL) Frontline Manager Joshua Approach

TO: R-2508 Central Coordinating Facility 100 E. Sparks Dr. Edwards AFB CA 93524-8090

DATE RECEIVED: 08/19/09

DATE OF REPORT: 08/19/09

This form may be used by aircrws or controllers to submit any constructive information to improve the safety and efficiency of aviation operations in the R-2508 Complex. Identification of the drafter is optional. This form is intended for the reporting of circumstances/services that enhance or degrade the user's mission within the R-2508 Complex. This form will not be used to replace reports of situations that require submission of Hazardous Air Traffic Reports (HATR), Operational Air Hazard Reports (OHR), or Near Mid-Air Collision (NMAC) Reports. Request this report be submitted within 5 days of the incident to ensure availability of required data necessary to support analysis of the reported situation.

The information contained in this form is for military OFFICIAL USE ONLY and will be used for the exclusive purpose of improving air operations within the R-2508 Complex. No punitive or disciplinary action will be taken as a result of statements made on this form.

DATE/TIME SITUATION OCCURRED: 08/19/09 14:49Z

LOCATION SITUATION OCCURRED: IYK / Panamint

OTHER AIRCRAFT INVOLVED: COSO31 F18

SIGN (S) IF KNOWN: Joshua Approach

AG AGENCY: Joshua Approach

re recurrence. Add additional sheets as

shua Approach that he was working with sked if CROOK47 was a participant and a range briefing (ASC Ranges) and that then proceeded to Panamint and joined

numerous aircraft. China Lake is bending g in the complex. This is not fair to the payers to be flying under the same rules. ing players to understand the rules. And is not not knowing what other aircraft are doing.

nsafe.

Return by Fax: 661-277-4798, DSN 527-4798 or E-mail: 2508ccf@edwards.af.mil



R-2508 Annual Users Briefing

R-2508 Central Coordinating Facility



Questions?

- Co-Located with Joshua Approach
- Here to Support your Operations
 - DSN 527-2508 or Commercial 661-277-2508
 - FAX 527-4798 or Commercial 661-277-4798
 - 2508ccf@edwards.af.mil
 - Online Information
 - <http://www.edwards.af.mil/r-2508.asp>
 - <https://afkm.wpafb.af.mil/community/views/home.aspx?Filter=MC-OP-00-08>

